

NUST SEECS - School of Electrical Engineering & Computer Science

SEECS

BESE - Bachelor of Engineering in Software Engineering

CLASS OF
2024



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NUST - SEECS

School of Electrical Engineering and Computer Science (SEECS) symbolizes a paradigm shift in the culture of higher education in Pakistan. It stands tall as an institute with a progressive vision and dynamic focus on the key imperatives of sound engineering education marked by quality of instruction and research on its newly built campus in the idyllic setting of federal metropolis.

Today it is one of the enviable seats of higher engineering education in Pakistan with an ambition to have a prestigious global stature of its own. It already enjoys international recognition as a centre of excellence. The school is fully committed to the promotion of IT and engineering education, marked by creativity, innovation and life-long learning.

Faculty of Computing

Message from Associate Dean

Prof. Dr Faisal Shafait



I am very pleased to see you achieving a momentous millstone of your life. At faculty of Computing, we aim to produce graduates who not only have excellent professional and technical competence, but are also inculcated with the norms and etiquettes, which are essentially required to successfully excel in the professional career. Our responsibility is to well equip our students so that they contribute positively and resolve the issues in our society through their technical skills. We also polish the intellectual and entrepreneurial skills of our students and hence we believe that you will be able to make a difference in the market, as you embark upon the new journey.

You are the flag-bearers now and we are very confident that you have the right knowledge-base and technical skill set required to flourish in the computing industry. My advice would be to always welcome challenges in your professional life with dignity, honesty and never forget that there is no replacement for hard work. So step ahead and make your parents, teachers and your alma mater proud! Wish you all the best for your future endeavors.

Faculty of Computing

Department of computing at SEECS carries out research and education in the areas of computer science and software engineering. The department offers highly acclaimed Bachelors and Masters Programs whose alumni have outstanding success rate in industry and academia. Almost all of our students are either employed in lucrative positions in industry, or studying in high quality universities around the world. The department also offers PhD programs in Information Security, Information Technology and Computer Science to fulfill the requirement of qualified researchers and academics in universities and research centers in Pakistan.

Academics

The department strives to provide world-class education to its students, by emphasizing conceptual learning, critical thinking and creative-solving in all of its courses. Most technical courses have hands-on lab components to encourage the practice of “learning by doing”. Our curriculum is based on the HEC-approved Curriculum and also follows the recommendations of ACM and IEEE. We encourage faculty members to include in their courses projects and assignments that can spur creativity and innovation among our students. In this way, we provide our students the skills and abilities needed to achieve excellence in their career, academics pursuits, and life in general.

Faculty

The department is proud to have at its service a core of highly qualified faculty members, most of whom hold PhDs in their respective fields. The faculty is involved not just in teaching activities, but also spends a large portion of their time doing research at the cutting-edge of computing technology. Most faculty members have publications in reputed international conferences, research journals and books.

Research

Research in the Department of Computing spans the entire range of computing. Some of the active research areas in the Department include:

- High-performance Computing
- Multi-agent Systems
- Web Technology
- Internet of thing
- Cyber security & Computer Forensics
- Big Data
- Artificial Intelligence & Machine Learning
- Database Systems
- Computer Networking

- Semantic Web and \Knowledge Repetitions
- Tele-medicine and Surgical Robotics
- Medical Imaging

International Collaborations

The Department of Computing enjoys a wide network of collaborations with industry and university partners, both in Pakistan and abroad. Within Pakistan, department works closely with industry to improve its courses in step with industries' requirements, undertake joint research and development projects, set up internship opportunities for students, and arrange workshops and seminars to keep students aware of the latest trends in computing technology. The Department also shares academic collaboration with some of the world's top universities and research centers, including the European organization for Nuclear Research (CERN), California in statue of technology, Stanford University, TUKL University Germany, University of North Carolina at Charlotte, University of Portsmouth, EPFL Lausanne, Switzerland and Telecom SudParis, France. This enables the department to conduct high-quality collaborative research with some of the top scientist in their respective fields. Many students are also given the chance to visit these research centers and work closely with the top minds in their fields.

Lab Facilities

Research facilities at Department of the following labs:

1. China-Pakistan Intelligent Systems (CPIInS)
2. TUKL
3. IOT
4. High Performance Computing (HPC)
5. Machine Vision and Intelligent Systems Lab (MachVIS lab) this name is for DoC or SEECS internal
6. Knowledge-Based Systems (KBS)
7. KTH
8. Deep Learning Laboratory (DLL)
9. Information Security & Privacy Lab

Teaching Labs also play a vital role in training and development of students. These include:

1. Computing Lab 1 (Shirazi Lab)
2. Computing Lab 2 (Frabi Lab)
3. Computing Lab 3 (Biruni Lab)
4. Computing Lab 4 (Babbage Lab)
5. Computing Lab 5 (Turing Lab)
6. Computing Lab 6 / IBM/CERN Lab
7. Media Lab

Associate Dean
Dr. Faisal Shafait
TU Kaiserslautern, Germany

Computer Science

Dr Imran Malik (HoD) PhD - Universität Kaiserslautern	Dr. Muhammad Zeeshan PhD - SEECS-NUST, Pakistan
Dr. M. Khuram Shahzad PhD - Sung Kyun Kwan University	Dr. Shah Khalid PhD - University of Peshawar, Pakistan
Dr Hasan Ali Khattak PhD- Politecnico di Bari, Italy	Dr. Farzana Jabeen PhD - TSINGHUA UNIVERSITY BEIJING China
Dr. Qaiser Riaz PhD - University of Bonn, Germany	Dr Yasir Faheem PhD - University Paris Nord France
Dr. Shams Ud Din Qazi PhD - University of Australia	Dr. Syed Imran Ali PhD - Kyung Hee University Korea
Mr. Maajid Maqbool PhD - University of Windsor, Canada	Dr. Fahad Ahmed Satti PhD - Kyung Hee University, Korea
Dr. Muhammad Moazzam Fraz (HoD AI & DS) PhD - Kingston University of London, UK	Dr. Seemab Latif PhD - University of Manchester, UK
Dr Nazia Perwaiz PhD - NUST SEECS, Pakistan	Dr. Rabia Irfan - PhD - SEECS-NUST, Pakistan
Dr. Safdar Abbas Khan (HoD IT & ITL) PhD - University of Paris, France	Dr. Tahira Anwar Lashari PhD - Universiti Tun Hussein Onn, Malaysia
Mr. Jaudat Mamoon MSc - Federal University of Technology, Lausanne, Switzerland	Dr. Arham Muslim PhD - RWTH Aachen University Germany
Dr. Sohail Iqbal PhD - University of Paris, France	Dr. Adnan Rashid PhD - National University of Sciences and Technology, Pakistan
Dr Junaid Younus PhD - Technical University of Kaiserslautern Germany	
Engr. Dr. Rafia Mumtaz (HoD SE) PhD - University of Surrey, UK	Dr Aimal Tariq Rextin PhD - University of Limerick, Ireland
Dr. Sidra Sultana PhD - Military College of Signals, NUST, Pakistan	Dr. Hashir Moheed Kiani PhD - University of Manchester, UK
Dr. Mehvish Rashid PhD- DCU University Ireland	Dr Muhammad Naseer Bajwa PhD - Technische Universität Kaiserslautern, Germany
Dr. Zuhair Zafar PhD - University of Kaiserslautern Germany	Dr Muhammad Daud Abdullah Asif PhD - Griffith University, Australia
Dr Muhammad Bilal PhD - Kyunghee University	Engr. Taufiq-Ur-Rehman MSc - MCS - NUST, Pakistan
Dr Ahsan Sadaat PhD - Macquarie University	Dr Momina Moetesum PhD - Bahria University Pakistan
Ms. Ayesha Kanwal MS- SEECS, NUST, Pakistan	Ms. Zunera Zahid MSc - RCMS, NUST, Pakistan
Dr. Mehdi Hussain (HoD IS) PhD - University of Malaya, Malaysia	Dr Hasan Tahir PhD - University of Essex, UK
Dr. Sana Qadir - PhD - International Islamic University, Malaysia	Dr Razi Arshad PhD - Otto-von-Guericke Universität Magdeburg

Bachelors of Engineering in Software Engineering (BE SE)

Program Description

Software engineering is the practice of designing and implementing large, reliable, efficient and economical software by applying the principles and practices of engineering. The aim of the Bachelors in software engineering degree is to produce well, rounded, software engineers who can fulfill the demand for software researchers, academic and developers in Pakistan. While the study of software engineering has a lot in common with computer science, software engineers learn much more about creating high-quality software in a systematic, controlled, and efficient manner. Software engineers are trained in all aspects of software life cycle, from specific through analysis and design to testing maintenance and evaluation of the product. Software engineers are concerned with safety and reliability of the product as well as cost and schedule of the development process.

Unique Features

The software engineering program teaches students the application of engineering concepts, techniques, and methods for the design, development, deployment and maintenance of software systems. Our graduates are qualified professionals involved in the technical work of designing, documenting, coding and testing large software products. They are also responsible for tasks such as directing projects, managing teams, and estimating cost resources, assessing business plans, reviewing proposals and suggesting innovations. The program focuses on imparting the knowledge and training, which enables students to harmonize theory with practice, concept with application and problem with solution. It prepares them to apply ably engineering principles, practices and processes to design, develop, deploy and maintain software systems. The program leads to development of students' professional and interpersonal skills.

Important Courses

With software permitting virtually all aspects of our work in our society, a Software Engineering graduate has the option to work in many different sectors such as software industry, telecommunications, finance, healthcare, manufacturing, retailing, security, transport etc. other engineering areas like aeronautical and automotives, building, electrical, etc. also have increasing needs for software engineering. The entertainment industry with video games and movie animation too has a large demand for Software Engineering. In addition, the SE program develops a strong background for pursuing higher education and research. Graduate from our programs are studying and doing research at some of the best universities and institutes around the world including Stanford University (USA), California Institute of Technology (CALTECH-USA). CERN (Geneva), University of North Carolina (UNC-Charlotte-USA), University of Reading (UK), Kyung-Hee University (South Korea), University of South Brittany, (France) and University of West England (UK).

Career Outcomes

Software Engineering, Object Oriented Programming, Data Structures, Digital Logic Design, Data Base Systems, Operating Systems Concepts and Design, Computer Networks, Computer Organization and Assembly Language, Software Construction, Software Design and Architecture, Software Quality Engineering, Software Project Management

BESE-Curriculum				
S. No.	Course Code	Subjects	CHs	Semester
1.	PHY102	Applied Physics	2+1	1st
2.	MATH101	Calculus and Analytical Geometry	3+0	
3.	MATH161	Discrete Mathematics	3+0	
4.	HU100	English	2+0	
5.	CS114	Fundamentals of Programming	2+1	
6.	HU107	Pakistan Studies	2+0	
7.	OHS101	Occupational Health and Safety	1+0	
Total CHs			17	
1.	*CS- 212	Object Oriented Programming (OOP)	3+1	2nd
2.	HU-101	Islamic Studies	2+0	
3.	MATH-121	Linear Algebra and ODEs	3+0	
4.	ME -109	Engineering Drawing	0+2	
5.	HU-109	Communication Skills	2+0	
6.	EE-122	Computer Architecture and Logic Design	3+1	
Total CHs			17	
1	CS-220	Database Systems	3+1	3rd
2	SE-200	Software Engineering	3+0	
3	CS-250	Data Structures & Algorithms	3+1	
4	MATH-361	Probability and Statistics	3+0	
5	EE-353	Computer Networks	3+1	
Total CHs			18	
1.	CS-330	Operating Systems	3+1	4th
2.	CS-251	Design & Analysis of Algorithm	3+0	
3.	MATH-232	Complex Variables and Transform	3+0	
4.	SE-211	Software Design and Architecture	2+1	
5.	MATH-351	Numerical Methods	2+1	
6.		Sociology Elective-I (Professional Ethics/Engg Economics/Professional Practices)	2+0	
Total CHs			18	
1.		Management Science Elective-1 (Engg Management/ Project Management)	3+0	5th
2.		Engineering Elective-I (Web Engg)	3+1	
3.	SE-315	Cloud Computing	2+1	
4.		MDEE-I (Embedded Systems/IOT)	2+1	
5.	HU-212	Technical & Business Writing	2+0	
6.	CS-314	Software Construction	2+1	
Total CHs			18	

1.	SE-352	Formal Methods	3+0	6th
2.	SE-321	Software Quality Engineering	3+0	
3.		Management Science Elective-II (Entrepreneurship)	2+0	
4.		Engineering Elective-II (Distributed Computing/Information Retrieval)	3+x	
5.	SE-430	Software Project Management	3+0	
6.	CS-261	Human Computer Interaction	2+1	
Total CHs			17	
1.	SE-499	Final Year Project - I	0+3	7th
2.		Engineering-Elective III (DIP/Network Security)	3+x	
3.		Engineering-Elective IV (Data Warehousing and Data Mining)	3+1	
4.		Sociology Elective-II (Engg Economics)	2+0	
5.	CS-484	Information Security	3+0	
Total CHs			15	
1.	SE-499	Final Year Project - II	0+3	8th
2.		Engineering Elective-V (AI/Computer Forensics)	3+1	
3.	CSL-401	Community Service	1*	
4.		MDEE-II (Internet of Things)	3+0	
Total CHs			11	
Overall CHs			131	



Maaz Ahmed

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Technical Skills

- Network penetration testing
- Vmware
- Kali linux
- Laravel
- Basics of python
- Wireshark,ensp,labview,autocad
- Cybersecurity
- Nmap

Soft Skills

- Communication skills
- Self-management skills
- Networking
- Time management
- Problem solving and innovation
- Teamwork & collaboration

Reference

To be furnished upon request.

Professional Profile

To apply at the TUKL LAB, SEECS for internship.

Education

BE Software Engineering

School of Electrical Engineering and Computer Science , 3.26

O-Levels

The City School , 5A* , 1A, 2B (2018)

Intermediate

DJ Govt. Science College , 78.5% (2020)

Internship Experience

PTCL (02-Aug-2023 - 14-Sep-2023)

I had the opportunity to gain valuable insights and practical experience in the field of networking security. I was exposed to fundamental concepts of network security and had the chance to work with SIEM (Security Information and Event Management) solutions. In particular, I learned and actively contributed

NCSAEL (02-Feb-2023 - 02-Apr-2023)

Leveraged industry-leading cybersecurity tools such as Nmap, Wireshark, Burpsuite, Hydra and bruteforcing techniques to penetrate machines on platforms such as HackTheBox.

Projects

AudioRescue

Developed and implemented a machine learning-based audio speech separation system to extract individual voices from mixed audio signals.

Ready To Go Travels

A website built on the framework of LARAVEL version 9, connected with the local database MySQL while the front-end consists of HTML, CSS and bootstrap templates

Mart By MARSH

An android app built using java as backend language combined with XML for the front end on the platform of fox built Android Studio having Firebase Database for data and authentication.

T-Rex Retro

The fulfillment of the challenge to recreate google dino chrome game using minimum obsolete functionalities of Python's library 'tkinter'.



Dawood Mehmood

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Technical Skills

- Web development frameworks
- Jquery
- Python/java/c++/octave
- Typescript
- Web development - angular
- Web scraping
- Convolutional neural networks
- Javascript (es6)

Soft Skills

- Troubleshooting
- Problem solving skills
- Entrepreneurial skills
- Verbal communication
- Detail oriented
- Quick learner
- Problem solving and innovation
- English speaking and writing

Reference

To be furnished upon request.

Professional Profile

Secure a responsible career opportunity and full utilize my training and skills and contribute towards the success of the company.

Education

BE Software Engineering

School of Electrical Engineering and Computer Science , 3.45

Internship Experience

Cognitive Healthcare International (15-Jun-2023 - 01-Sep-2023)

Worked on their on going project which is a state of the art Remote Patient Monitoring System built on Angular and NestJs.

Projects



Wajeeha Aftab

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river gardens
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Technical Skills

- Data engineering
- Blackbox/whitebox testing
- Agile and waterfall methods
- Finance
- Operating systems
- Ann
- Web scraping
- Convolutional neural networks

Soft Skills

- Team management
- Leadership and communication
- Problem solving skills
- Event organizing

Reference

Name: Engr. dr. sidra sultana
Company: Seecs, nust
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Professional Profile

Seeking a challenging software engineering role where I can leverage my expertise in building and maintaining efficient, scalable, and secure systems. With a strong foundation in multiple programming languages, data structures, and algorithms, I aim to contribute to innovative projects while continuously expanding my skills. My proficiency in statistical analysis, machine learning, and web development technologies positions me to make significant contributions to cutting-edge software solutions. I am eager to work collaboratively in a team environment and lead projects from concept to deployment, while driving excellence and innovation in software development.

Education

BE Software Engineering

School of Electrical Engineering and Computer Science , 3.72

Software Engineering

National University of Sciences and Technology (NUST) , 3.72 (2024)

Fsc, Pre-Engineering

Bahria College , 94.5 % (2020)

Matric

IMCG F-7/4 , 96.8% (2018)

Internship Experience

ONT Lab SEECS (01-Jun-2023 - 10-Sep-2023)

1. handling tasks related to telemetry 2. learned about computer networks and data collection through modems.

TUKL NUST R&D CENTER (01-Jun-2022 - 10-Sep-2022)

1. machine learning and deep learning research. 2. did learning through different courses

Freelancer (01-Jun-2022 - 13-Oct-2023)

Did multiple projects in different domains like Python, Machine Learning, MERN, Flask etc.

Projects

Fake News Detection

Trained a neural network for the detection of fake news with 93.05% accuracy. also tried different algorithms like SVM, xgboost, random forest, Naive Bayes, RNN etc.

Neural Style Transfer Art Generation

It takes two pictures with one having the context and the other having the style and it combines them both to create beautiful art pieces. Made it with the help of CNN

Righty Fit Website

An e-commerce website for shoes. I used the Laravel framework of PHP for creating this website and used the MySQL database. I did this project with the help of my groupmates when I was in my 5th semester.

Website Testing

Performed unit, performance, security, automation, and load/stress testing on a website using tools like Burpsuite, selenium-ide, and php unit testing.



Muhammad babar Ashraf

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Technical Skills

- Python/java/c++/octave
- Javascript (es6)
- Front end web development
- Html, css, javascript
- Mern stack
- Adobe creative cloud
- Web development (responsive)
- Database (mysql)

Soft Skills

- Communication skills
- Teamwork, flexibility
- Graphics designing
- Leadership and communication
- Problem solving skills
- Time management
- Problem solving and innovation
- Punctual and responsible

Reference

To be furnished upon request.

Professional Profile

A dedicated Software Engineering student with a diverse portfolio in web development and Graphic designing, including video editing and UI/UX Design. Passionate about Machine Learning and Artificial Intelligence and Blockchain. Currently pursuing my studies at NUST, I am excited to contribute my skills and make a positive impact in the industry.

Education

BE Software Engineering

School of Electrical Engineering and Computer Science , 3.07

Software Engineering

National University of Sciences and Technology, Pakistan , 3.06 (2024)

FSc Pre-Engineering

Punjab Group of Colleges , 1055 (2020)

Internship Experience

Gameotivity (01-Jul-2022 - 01-Sep-2022)

Bilty (20-Jun-2023 - 20-Aug-2023)

Total School Solutions (01-Jun-2023 - 01-Jun-2024)

Total School Solutions (01-Nov-2022 - 01-Jun-2023)

Projects

Faisal Movers

Developed this website for Faisal Movers, Pakistan's leading Transportation and Logistics Group. The website showcases the company's rich history, its diverse group of companies, features a newsletter section, and facilitates easy communication through a user-friendly contact form.

Bilty US Website

I developed this website for Bilty Logistics United States. The website provides essential information on truck dispatch services, features pricing and package details, serving as a valuable resource for logistics professionals.

Business Debt Settlements

Developed this website for a US-based client specializing in debt settlements, delivering a user-centric platform tailored to their unique needs.

Jalwal

Developed a website for Jalwal, a Pakistan-based global recruitment firm, catering to their specific needs and showcasing their expertise in talent acquisition.



Maarij khan Niazi

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Technical Skills

- Software quality assurance
- Front end web development
- Web design and developmnt
- Jira- project management

Soft Skills

- Team workshop
- Communication skills
- Self-management skills
- Microsoft project
- Multi tasking
- Group work

Reference

To be furnished upon request.

Professional Profile

I have a great passion for management, and I have chosen my career path in Project Management. I am also interested in doing Software Quality Engineering. Besides, I have keen interest in Front End Web Development, with React Js Library. Being an avid explorer, I am exploring the emerging technologies, trying to make my space in this technical field.

Education

BE Software Engineering

School of Electrical Engineering and Computer Science , 2.94

BSc Software Engineering

NUST , 3.00 (2024)

FSc

Kinnaird College , 1000 (2020)

Internship Experience

Fixfirst (13-Jun-2023 - 01-Sep-2023)

Dextersol (12-Jun-2023 - 01-Sep-2023)

Shadiyana - Part Time Job (13-Jun-2022 - 01-Sep-2023)

Chirp technologies -Arfa kareem Tower Lahore (01-Aug-2022 - 01-Sep-2022)

Recce (01-Aug-2022 - 01-Sep-2022)

Sehatbase (01-Jul-2022 - 01-Sep-2022)

Projects

A Question Answering Based IR System for Legal Documents

A Question Answering Based IR System for Legal Documents was generated while using python and its libraries. Major implementation of Natural Language Processing along with its techniques

Consumer Dashboard

Task: Practicing React Js for the Front-End Development along with some projects to improve and furnish skills. Use MUI and other React libraries.

Walker Island

A MERN Stack complete website , project for freelancing



Muhammad ali Usman

Details

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Technical Skills

- Computer vision
- Specialization in python
- Data handling
- Python, keras
- Reactjs
- Tensorflow, scikit-learn
- Aws, regex numpy, pandas, ocr
- Tensorflow, keras, pytorch

Soft Skills

- Teamwork, flexibility
- Attention to detail
- Flexibility and adaptability
- Quick learner
- Time management

Reference

To be furnished upon request.

Professional Profile

As an undergraduate software engineering student, I'm passionate about Artificial Intelligence and Machine Learning. I'm eager to gain hands-on experience in AI/ML and prioritize skill improvement and growth over any kind of compensation or money. Seeking a position to contribute to AI/ML field and further enhance my expertise.

Education

BE Software Engineering

School of Electrical Engineering and Computer Science , 3.29

Intermediate in Pre-Engineering

Govt. Post Graduate College Rajanpur , 1000/1100 (2020)

Internship Experience

Projects

Future Project: Personalized Learning Experience Using LLMs in Higher Education

For FYP, we will be developing a system for students using LLMs which will aid them in personalized learning.

Bike Usage Prediction

Using Neural Networks to predict intensity of bike usage in a city based on weather conditions, time of day, holiday schedules etc. Utilized techniques such as data cleaning and feature engineering.

Predicting Student Performance in Online Learning Environments

A predictive model to understand the factors that influence student performance in an online learning environment. Predicts the probability of a student receiving a grade of B or above. Significant variables were identified to get managerial insights.

Predicting Singapore HDB Flat Resale Prices

A predictive model to estimate the resale price of HDB flats in Singapore. Through thorough data analysis and evaluation of various machine learning models, a suitable model was selected and trained to predict the resale prices of flats.



Siraj ahmed Soomro

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Technical Skills

- Agile and waterfall methods
- Big data analytics
- Web development frameworks
- Python/java/c++/octave
- Typescript
- Computer vision
- Data handling
- Javascript (es6)

Soft Skills

- Database design (sql,mongodb)
- Communication skills
- Self-management skills
- Human resource management
- Software debugging
- Team management skills
- Multi tasking
- Group work

Reference

To be furnished upon request.

Professional Profile

A hardworking and motivated individual looking for professional opportunities to grow.

Education

BE Software Engineering

School of Electrical Engineering and Computer Science , 3.45

Matriculation

Gallant Foundation School , 91.3 (2018)

Intermediate

Adamjee Govt. Science College , 88.6 (2020)

Bachelors in Software Engineering

School of Electrical Engineering & Computer Science , 3.45 (2024)

Internship Experience

Data Analytics Lab, SINES (17-Jul-2023 - 17-Nov-2023)

The intership was focused on implimentation techniques of Data Analytics in real world situations. The project I worked on was to analyze the traffic congestion trends on data for a busy road of Islamabad. The tasks included data preprocessing, performing EDA to understand the data, find trends to define, det

TECHMEDO (13-Feb-2023 - 24-Nov-2023)

I am working as an AI Research Associate at Techmedo. My tasks included to perform detailed research in integration of recent Generative Transformer technology and digital healthcare. Stemming from the research, the creation of product that can act as Clinical Decision Support System(CDSS) for doctors is the

Projects

Zombie Defense

A tower defense game that was implemented using OOP concepts in Java with the help of Java's Javafc library.

Multi-Client Chatting Applications

A chatting application that was implemented in C sockets with multi-threads to support multiple clients and use of inter-process communication.

Fast Fourier Transform- Algorithm Analysis

A detailed analysis on understanding and implementing FFT Algorithm with extension based on multiple DITs.

Key Word Classifier using DL

A module that takes Audio input, converts it into text, and generates a text summary, using the Keyword present in the audio.



Hamza fawad Anwar

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Rawalpindi , Pakistan

Technical Skills

- Python/java/c++/octave
- Game designing on unity
- Web development - angular
- Javascript (es6)
- React
- Mongodb (database)
- Express, nodejs

Soft Skills

- Coding
- Unreal engine, graphics , 3d m
- Communication skills
- Self-management skills
- Technical drawing,3d modelling
- Graphics designing

Reference

To be furnished upon request.

Professional Profile

Education

BE Software Engineering

School of Electrical Engineering and Computer Science , 2.49

FSc

APS PMA Kakul , (2020)

Matric

APS Askari XIV , (2018)

Internship Experience

Mindstorm Studios (03-Jun-2023 - 03-Aug-2023)

Unity Development Intern

Projects



Zainab Anwaar

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Technical Skills

- Web development frameworks
- Android
- Software quality assurance
- Web scraping
- Javascript (es6)
- Flask
- React
- GraphQL

Soft Skills

- Analytical thinking
- Communication skills
- Software debugging
- Organization
- Teamwork, flexibility
- Team management
- Conflict management

Reference

To be furnished upon request.

Professional Profile

As a motivated undergraduate student, I am seeking a collaborative learning opportunity to gain valuable experience and make a positive impact on your organization. I am eager to work with the team and contribute my skills to achieve shared goals.

Education

BE Software Engineering

School of Electrical Engineering and Computer Science , 3.5

HSSC Federal Board (ICS)

APS&C, Fort Road, Rawalpindi , 1028/1100 (2020)

SSC Federal Board

APS&C, Jarrar Camp, Rawalpindi , 1062/1100 (2018)

Internship Experience

Shadiyana (18-Jun-2023 - 31-Aug-2023)

Implemented a key feature "Calendar and Events" in the React Native Vendor App of the startup. Routine addition of new features to the company's PERN-based web application. Debugging and fixing of bugs in various features.

Optical Networks and Technologies Lab, NUST Islamabad (13-Jun-2022 - 16-Sep-2022)

Contributed to the research of incorporating 5G nodes in Mininet.

CodSoft (05-Sep-2023 - 05-Oct-2023)

Worked on various tasks presented during the Internship.

Projects

ZASH

An online makeup store built with Laravel and Bootstrap at the front end and MySQL as the Database.

CineSpace

A MERN application that allows users to search through movies based on genre, title and description and gives recommendations based on their watchlist. Technologies Used: React, MongoDB, Node, Express, Bootstrap.

Loan Default Predictor

The Loan Default Predictor uses a Random Forest Model to accurately predict whether a loan default has occurred or not. Flask was used for deployment. GitHub Link: <https://github.com/Pisceszaiby/Loan-Default-Predictor>



Ajlal Mubarik

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Technical Skills

- Web development frameworks
- React
- Mongodb (database)
- Express, nodejs
- Html/css 5
- Web design and developmnt
- Html, css, javascript
- C, c++, java and python

Soft Skills

- Database design (sql,mongodb)
- Team workshop
- Analytical thinking
- Teamwork, flexibility
- Group work
- Python
- Java, javascript, j query, php
- C++ programming

Reference

To be furnished upon request.

Professional Profile

As a highly motivated and dedicated student, I am eager to apply my strong problem-solving skills, passion for technology, and eagerness to learn as a Intern at yourCompany, contributing to the growth and success of the organization while gaining valuable hands-on experience in the industry.

Education

BE Software Engineering

School of Electrical Engineering and Computer Science , 3.2

Internship Experience

Nustac Technologies (14-Jun-2022 - 28-Aug-2022)

Flutter Intern

Projects

Desi Village

A Mern Stack Application with all the ecommerce features in it. From Adding the meal in Cart to payment and order placement.

Random image generator using text

Simple image generator built with Node.js and Express that uses OpenAI's api in the backend to generate random images.

React Restaurant-App

Simple react application to add details of restaurant and edit them.

Imdb Search Engine

Program to search imdb data efficiently built in C++ using binary trees.



Tanzeel ur rehman .

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ROADUNIVERSITY SARGODHA

Sargodha , Pakistan

Technical Skills

Soft Skills

Reference

To be furnished upon request.

Professional Profile

As a highly skilled Full Stack MERN Developer, I have a proven track record of creating scalable web apps

that meet project requirements. With expertise in MongoDB, Express, React, and Node.js, I am

dedicated to delivering high-quality software solutions while collaborating effectively with cross- functional teams.

Education

BE Software Engineering

School of Electrical Engineering and Computer Science , 3.31

Internship Experience

RIC NUST (01-Aug-2023 - 15-Oct-2023)

Worked as a Research Assistant of Director Research where I was responsible for creating a web portal for the faculty of NUST.

Flower Station (01-Aug-2023 - 16-Oct-2023)

I am working as a frontend engineer at Flower Station London.

Projects

Web Portal

In my Semester project. I have created a web portal for Diet Clinic. In portal there is a flow of managing the employees of the organisation.



Hafsa malik .

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Technical Skills

- Ms powerbi
- Docker
- Apache kafka
- Talend | ssis
- Mern stack
- Python, tensorflow/keras
- Ms office
- Database (mysql)

Soft Skills

- Leadership and communication
- Problem solving skills
- Time management

Reference

To be furnished upon request.

Professional Profile

I'm a data science enthusiast with a strong foundation in data analysis and machine learning. I thrive on challenges and take pride in consistently delivering exceptional results. What sets me apart is my unwavering commitment to making a positive impact, both professionally and as the Vice President of a charity organization. Currently, I'm seeking opportunities that will allow me to further my personal and professional growth within the exciting field of data science.

Education

BE Software Engineering

School of Electrical Engineering and Computer Science , 3.68

Bachelors of Engineering in Software Engineering (BESE)

National University of Science and Technology (NUST) , 3.68 (2024)

Internship Experience

KPMG-AU Data Analytics (03-Jul-2023 - 03-Jul-2023)

Completed virtual internship in data analytics. Gained insights into practical data analytics work, including data quality assessment, insights generation, and data presentation. Performed business intelligence for a bicycle company using PowerBI.

Jazz Backend Developer (16-Jul-2023 - 31-Aug-2023)

Acquired a comprehensive overview of JazzCash App's operational intricacies, including its architecture, technology stack and environments. Conducted an in-depth exploration of Docker, Kubernetes, Kafka, IBM API Connect and Openshift. Developed and deployed a fullstack application performing CRUD operations,

Unilever Engineering Possibilities Apprenticeship (12-May-2023 - 15-Oct-2023)

Attended 7 sessions so far organized by Unilever professionals to learn more about real-life engineering including data science operations in Unilever. Acquired skills in data analysis, problem-solving and leadership. Currently ranked 9th out of 400+ participants in the program based on assessments and partic

Projects

AI Mental Health Tracker

End to end machine learning project from pre-processing, feature engineering, model selection, improvement, deployment using Flask to predict DALYs trend with 99.5% accuracy.

Tweets Sentiment Analyzer

Utilized a dataset of 1.6M tweets retrieved using Twitter API to perform sentiment analysis using NLTK and Logistics Regression model with an accuracy score of 78%.

Client-Server File Management System

A file management server for a distributed multi-user file management system in python, built using threads and socket programming with proper synchronization and protection

EnvisionAI

A Node and React based application that uses OpenAI API to create an AI chatbot with custom GPT 3 and GPT 3.5 models selection and explores AI freeware like 3D panoramas for efficient design process of application's frontend.



Syeda sana zehra Zaidi

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Technical Skills

- Agile and waterfall methods
- Python socket programming
- Web development frameworks
- Android
- Game designing on unity
- Cisco packet tracer
- Netbeans & eclipse
- Web design and developmnt

Soft Skills

- Database design (sql, mongodb)
- Coding
- Strong work ethics
- Php
- Python
- Communication skill
- Attention to detail
- C++ programming

Reference

To be furnished upon request.

Professional Profile

To leverage my technical expertise and passion for innovation as a software engineer, contributing to cutting-edge projects and collaborating with dynamic teams to develop scalable, efficient, and robust software solutions that drive business success and solve complex problems

Education

BE Software Engineering

School of Electrical Engineering and Computer Science, 3.75

O Levels

Benchmark School System (BMSS), 6A*s 2As (2018)

A Levels

Beaconhouse Educational Complex (BEC), 3A*s (2020)

Internship Experience

The Citizens Foundation (02-Jul-2018 - 13-Jul-2018)

Al-Shifa Trust Eye Hospital (10-Dec-2018 - 21-Dec-2018)

Study Resources (01-Jul-2019 - 30-Jun-2020)

High Performance Computing Lab (01-Jun-2022 - 05-Sep-2022)

Renters (01-Aug-2023 - 31-Oct-2023)

Projects

Astros

Astros is a space battleship game that revolves around a space expedition in a spacecraft. The expedition encounters several challenges like comets, asteroids that needs to be shot down and black holes that needs to be avoided to preserve life and to gain points. The spacecraft also encounters boosters. As th

Online Biometrically Verified Electronic Voting System (OBV-EVS)

The project OBV-EVS aims at remodeling the voting system to address the shortcomings of present manual system remaining within the existing statutory framework. It is a prototype to automate the electoral process of general elections in Pakistan incorporating biometric verification employing BVM.

Sports Complex Management System

This project aims to shift the management of a supposed Sports Complex from paper-based to software-based implementation. This will help to optimize the tedious and cumbersome file work with the help of a user-friendly interface. The Sports Complex comprises of several departments including Registration, Main

Workaholics

Workaholics is a dynamic freelancing website designed to connect talented individuals with customers seeking professional services. Users can easily post their gigs and showcase their skills, allowing them to attract potential clients. Customers can effortlessly post their projects and browse through a wide ra



Muhammad Hurera Nadeem

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Technical Skills

- Typescript
- Nodejs
- React
- Mongodb (database)
- Javascript(es6)
- Docker
- Expressjs
- Aws: ec2 | cognito | eks

Soft Skills

- Strategic communications
- Communication skills
- Leadership and communication
- Team management skills

Reference

To be furnished upon request.

Professional Profile

As a seasoned software engineer, I navigate the digital realm with precision and passion. My days are woven with lines of code, crafting solutions that seamlessly blend innovation and functionality. Armed with a keyboard and a creative mindset, I transform abstract ideas into tangible, efficient software. In the world of algorithms and syntax, I find my canvas, where each line written is a step towards building a technological future.

Education

BE Software Engineering

School of Electrical Engineering and Computer Science , 2.76

Internship Experience

Creative Chaos (03-Jun-2022 - 06-Aug-2022)

Selected for The Creative Chaos Internship program 2022, I collaborated on crafting reusable frontend components, ensuring code quality, and participated in cross-functional development of Katra—an innovative MVP connecting blood donors and receivers.

Devsinc (02-Jun-2023 - 02-Sep-2023)

Selected from 25,000 applicants, excelled in DevOps with expertise in Linux, Git, Docker, Kubernetes, GitHub Actions, Jenkins, Terraform, and AWS. Led full CI/CD lifecycle for Node.js and Ruby on Rails projects, ensuring scalability, reliability, and optimal performance using Nginx as a reverse proxy.

Projects

ezNMC

Developed a web-based MVP utilizing React, Node, Express, and MongoDB, serving as a comprehensive solution for the NUST Medical Center. It empowers students to access medical facilities within NUST, while offering doctors and administrators robust system and database management capabilities.

Mart By MARSH

An android mobile app for online grocery shopping using XML and Java with Firebase as database.

Katra

A blood donation and receiving app at Creative Chaos, focusing on frontend development with React, Redux Saga, and Material-UI. Ensured seamless user interaction, real-time data handling, and an aesthetically pleasing design for enhanced user experience.

Ruby On Rails CI/CD

Implemented CI/CD for Ruby on Rails using Docker, GitHub Actions, and Jenkins, deploying seamlessly on AWS EC2 during internship at Devsinc. Optimized static assets with AWS S3 and improved performance using reverse proxy with Nginx, showcasing a track record in workflow efficiency and scalable application de



Raja haider Ali

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Technical Skills

- Aws, regex numpy, pandas, ocr
- Tensorflow, keras, pytorch
- C++
- Python

Soft Skills

- Team workshop
- Reasoning and resilience
- Group work
- Communication oral/written

Reference

To be furnished upon request.

Professional Profile

I am a self-directed learner with a passion for gaining a deep understanding of topics

Education

BE Software Engineering

School of Electrical Engineering and Computer Science , 2.91

Cambridge International O Levels

HITEC Cambridge School , 4 A*'s, 3A's, 1B (2017)

Cambridge International A Levels

Froebel's International School , 3 A's (2019)

Bachelors of Software Engineering

SEECs , 2.91 (2024)

Internship Experience

National Database and Registration Authority (NADRA) (17-Jul-2023 - 28-Aug-2023)

Gained proficiency in the LangChain framework. Developed a question-answering system on private documents using LangChain. Actively participated in daily in-depth discussions on ML research papers, with a particular emphasis on the seminal paper "Attention is All You Need."

PTCL (02-Aug-2023 - 13-Sep-2023)

Actively participated in network monitoring and management activities at PTCL's NOC department. Developed problem-solving and analytical skills in a dynamic telecom environment. Kept up-to-date with industry trends and technologies for adaptability. Provided valuable support to NOC projects, ensuring timely c

Projects

AI-based Conversational Bot in Metaverse for English Language

The project focuses on developing an advanced conversational bot powered by artificial intelligence, specifically designed to facilitate natural language interactions in the English language within the metaverse environment.



Misbah noor Awan

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Technical Skills

- Javascript (es6)
- Mongodb (database)
- Web design and developmnt
- Docker
- Oracle database
- Research and technical writing
- Mern development
- Technical reporting

Soft Skills

- Team workshop
- Fast improvisation
- Time management
- Problem solving and innovation
- English speaking and writing
- Creativity
- Strategic communications
- Teamwork & collaboration

Reference

To be furnished upon request.

Professional Profile

I'm an agile, motivated and Trendspotting Undergraduate with technical mastery and creative adaptability. I seek a role that hones my skills and allows me to immerse myself in exciting challenges and cutting-edge technology based projects. I'm on the lookout for an internship/entry-level position. Eager to work on a dynamic team, where I can contribute and grow while collectively shaping the future of technology.

Github: <https://github.com/MisbahNoorAwan>

Linkedin: <https://www.linkedin.com/in/misbah-noor-awan-3436a7275/>

Education

BE Software Engineering

School of Electrical Engineering and Computer Science , 3.27

SSC Computer Science FBISE

Army Burn Hall College For Girls , 1025/1100 (2017)

HSSC Pre-Engineering FBISE

Army Burn Hall College For Girls , 1012/1100 (2019)

Internship Experience

Interstellus.io (13-Jun-2023 - 06-Jul-2023)

Role: Front-End Developer Internee 1. Worked on MERN Stack 2. Worked on n8n3. Built back-end on NEST.js/ 4. Site testing on Docker 4. Small Project Challenges

Projects

Workoholics

Type: Laravel E-Commerce Website. A Website for Freelancers and Employers, combining features of gigs and jobs on a single platform. Github Link: <https://github.com/hamnarauf/Workaholics>

Zash: E-commerce Website

Laravel Framework based website for Makeup Products. Github Link: <https://github.com/333811/Web-Project>

Bookilicious: E-Commerce Website

Django Based Website. An online Library for buyers and sellers. Github Link: <https://github.com/amnaahmad20/Bookilicious-online-book-store/tree/master>

Task Tracker

MERN Stack Website. An event Handling App utilizing more than 5 React Libraries. Github Link: <https://github.com/333811/Task-Tracker>



Muhammad abdullah khan Abbasi

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Technical Skills

- Agile and waterfall methods
- Javascript (es6)
- React
- Reactjs
- Html, css, javascript
- Python, c++, java, javascript
- React / node.js / apis
- Machine learning

Soft Skills

- Basics of adobe photoshop
- Photography

Reference

To be furnished upon request.

Professional Profile

With a strong foundation in React.js and a background in various programming languages and machine learning, I'm a versatile developer ready to tackle a wide range of tasks. I'm enthusiastic about software development and have gained valuable experience.

I completed an internship at Arbisoft, where I honed my skills in React.js and related technologies while working on practical projects. This experience allowed me to understand the ins and outs of front-end development and API integration.

Skills:

- React.js
- JavaScript
- REST APIs
- React Bootstrap
- Python (Basics)
- Java (Basics)
- Machine Learning (Basics)

Education

BE Software Engineering

School of Electrical Engineering and Computer Science , 3.12

BE Software Engineering

National University of Sciences and Technology , 3.12 (2024)

Fsc Pre-Engineering

NICAAS College , 1028/1100 (2020)

Internship Experience

Arbisoft (26-Jun-2023 - 22-Sep-2023)

React Development Agile Development lifecycle Software Processes in a Software house

Research Dte, NUST (13-Sep-2023 - 12-Dec-2023)

React development Promotion Board Portal for HR using Restful APIs

Projects

Desi Village

A food delivery application using MERN stack

Design Analysis on Suduko algorithms

Design analysis on different algorithms of Suduko and finding the best one

IMDb Search Engine

A search engine using best data structures, implemented in C++

Chessopoly

A game implemented using python libraries (pygame and tkinter)



Syed baqar Abbas

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Technical Skills

- Big data analytics
- Python/java/c++/octave
- Rstudio
- Web scraping
- Recurrent neural networks
- Computer vision
- Specialization in python
- Vmware

Soft Skills

- Communication skills
- Conflict management
- Communication and presentation
- Communication oral/written
- Verbal communication
- Communication & interpersonal
- English speaking and writing

Reference

To be furnished upon request.

Professional Profile

I am an undergraduate student majoring in Software Engineering from NUST. I am passionate about research and have worked in research labs focusing on Deep Learning, which has contributed in my aim of solving real-world problems through Data Analytics and Deep Learning. I aim to develop optimized solutions that applies academic research practically in industry.

Education

BE Software Engineering

School of Electrical Engineering and Computer Science , 3.61

A Level

Beaconhouse School System , 3A* (2020)

O Level

Beaconhouse School System , 9A* (2018)

Internship Experience

Rayn (22-Jun-2023 - 31-Dec-2023)

Vyro.ai (03-Sep-2022 - 05-Dec-2022)

Machine Vision and Intelligent Systems Lab (10-Jun-2022 - 31-Aug-2022)

TUKL-Lab NUST R&D Center (08-Jul-2021 - 22-Apr-2022)

Projects

AWS DeepRacer

Ranked first in Pakistan from August 2023-Present (October 2023)

Research Publication: Machine Learning-Based Predictive Model for Tensile and Flexural Strength of 3D-Printed Concrete. Materials 2023, 16, 4149

<https://doi.org/10.3390/ma16114149>



Amna Ahmad

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Technical Skills

- Data engineering
- Big data analytics
- Web development frameworks
- Digital marketing
- Web scraping
- Specialization in python
- Data cleansing and analysis
- Data science

Soft Skills

- Database design (sql,mongodb)
- Communication skills
- Microsoft word, excel, project
- Leadership and communication
- Team management skills
- Ms project
- Ms office, ms project, powerbi

Reference

To be furnished upon request.

Professional Profile

A motivated and skilled software engineering student, aiming to leverage my strong analytical abilities and expertise in data analysis, digital marketing, and data science to contribute to a dynamic and innovative team. I am eager to apply my knowledge and continually expand my skill set while working on cutting-edge projects that drive business success and technological advancement.

Education

BE Software Engineering

School of Electrical Engineering and Computer Science , 2.98

Matriculation

The Educators Fatima Jinnah Campus , 1031/1100 (2018)

Intermediate

punjab group of colleges , 1031/1100 (2020)

Software engineering

NUST , 3.00/4.00 (2024)

Internship Experience

TUKL-Lab (12-Jun-2021 - 12-Sep-2021)

NUSTAC (10-Jun-2021 - 10-Sep-2022)

Askari Bank (05-Jun-2022 - 15-Aug-2022)

SEECS (10-Apr-2023 - 10-May-2023)

forage British Airways (01-Apr-2023 - 15-Apr-2023)

Projects

ZASH

-- e-commerce website for makeup products - build using HTML, CSS, JS, laravel and MYSQL

data-visualization-using-ggplot-plotnine

- using plotnine and ggplot- visuals of different graphs using python libraries link:
<https://github.com/amnaahmad20/data-visualization-using-ggplot-plotnine>

Bookilicious-online-book-store

-e-commerce store with search engine to buy books link:
<https://github.com/amnaahmad20/Bookilicious-online-book-store>

nust polls

The features include: User (Admin/Student) Sign in Generate polls View and Submit polls Generate reports link: <https://github.com/amnaahmad20/nust-polls-backend>



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Technical Skills

- Blackbox/whitebox testing
- Firewalls
- Software quality assurance
- Cryptanalysis
- Python and bash scripting
- Specialization in python
- Cisco packet tracer
- Front end web development

Soft Skills

- Strategic communications
- Communication skills
- Team management
- Flexibility and adaptability
- Time management

Reference

To be furnished upon request.

Professional Profile

Analytical and results-driven individual seeking a challenging role in the field of cybersecurity. Highly interested in identifying and mitigating threats, securing digital assets, and enhancing overall system security. Proficient in Python, Linux, and vulnerability assessment tools. Eager to contribute to the cybersecurity industry and grow professionally.

Education

BE Software Engineering

School of Electrical Engineering and Computer Science , 3.43

Software Engineering

National University of Sciences and Technology, NUST , 3.47/4.0 (2024)

Pre-engineering

Rise College of Science and Engineering , 1025/1100 (93%) (2020)

Matriculation

Nishat Girls High School Multan , 1057/1100 (95%) (2018)

Internship Experience

Pakistan Telecommunication Company Ltd (PTCL) (03-Aug-2023 - 14-Sep-2023)

Cyber Inspects (23-Jul-2023 - 20-Aug-2023)

National Cyber Security Auditing and Evaluation Lab (NCSAEL) (16-Feb-2023 - 16-May-2023)

Al-khidmat Foundation Pakistan (27-Jul-2022 - 27-Aug-2022)

Projects



Muhammad hamza Malik

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Technical Skills

- Docker
- Html, css, javascript
- Mern stack
- Web development (responsive)

Soft Skills

- Communication skills
- Conflict management
- Deadline oriented

Reference

To be furnished upon request.

Professional Profile

Building fully functional and secure full stack applications using the MERN stack

Education

BE Software Engineering

School of Electrical Engineering and Computer Science , 2.66

Fsc

SPS , 997/1100 (2020)

Internship Experience

IOT Lab (02-Jun-2023 - 10-Sep-2023)

Web development internship that involved making full stack applications for lab projects to be shown to investors and the public

Projects

NAQM Portal

Developed a web portal for the NAQM project by IOT Lab during my work there as an intern and successfully deployed it on the web



Shehryar Saqib

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Karachi , Pakistan

Technical Skills

- Tableau | power bi
- Python, java
- Database (mysql)
- Machine learning

Soft Skills

- Leadership and communication
- Problem solving skills

Reference

To be furnished upon request.

Professional Profile

Enthusiastic and adaptable third-year software engineering student driven by curiosity and a desire to embrace challenges. Interested in data analytics, data science, AI, and ML, with a goal to contribute to cutting-edge advancements in technology.

Education

BE Software Engineering

School of Electrical Engineering and Computer Science , 3.69

Software Engineering

National University of Science and Technology , 3.69 (2020)

Internship Experience

Data Analytics Lab, Sines NUST (01-Aug-2023 - 31-Aug-2023)

As a data analyst intern, I worked on a real world problem of Traffic Congestion Forecasting. I did data preprocessing, exploratory data analysis and implemented LSTM and GRU to train the model on the provided real world problem.

Techmedo (01-Feb-2023 - 15-Oct-2023)

As an AI Research Associate at Techmedo, I integrate ChatGPT APIs into healthcare applications, supporting the company's mission to revolutionize the healthcare industry by providing accessible, affordable, and efficient healthcare services.

Projects

Computer-Assisted Quranic Recitation (DL Model)

High accuracy system to detect errors in Quranic Recitation, using concepts of Deep Learning.

Ready To Go Travels

A tourism agency website in which HTML, CSS, and Bootstrap v.5.2.3 was used to build the frontend and the server-side programming achieved through PHP and Laravel with the database records stored in a MySQL database



Zeeshan Memon

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Technical Skills

- Python and bash scripting
- Python, keras
- Tensorflow, keras, pytorch
- C, c++, mysql & python

Soft Skills

Reference

To be furnished upon request.

Professional Profile

Final year software engineering student

Education

BE Software Engineering

School of Electrical Engineering and Computer Science , 3.98

Bs Software Engineering

SEECs , 3.98 (2020-24)

Internship Experience

CERN (26-Jun-2023 - 26-Aug-2023)

Worked on foundation models for fast simulation using deep learning, specifically utilizing vector-quantized autoencoders for the task

TUKL-DLL (08-Jun-2021 - 19-Oct-2023)

- Worked on task of Urdu handwriting generation using GANs. Published work at International Conference - Worked on developing OCR for Pakistani CNICs and Passports

Projects



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Technical Skills

- Ethereum blockchain
- Front end web development
- Vr
- Unity game development
- Mern stack
- Python, c++, java, javascript
- React / node.js / apis
- Database (mysql)

Soft Skills

- German language (a1 level)
- Conflict management
- Entrepreneurial skills
- Communication & interpersonal

Reference

To be furnished upon request.

Professional Profile

Please update objective section.

Education

BE Software Engineering

School of Electrical Engineering and Computer Science , 2.28

Intermediate

Punjab Group of Colleges (PGC) , 1009/1100 (2016)

Internship Experience

Projects



Afraz ahmed .

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Technical Skills

- Data engineering
- Web development frameworks
- Software quality assurance
- Web scraping
- Supply chain management
- Machine learning

Soft Skills

- Strategic communications
- German language (a1 level)
- Analytical thinking
- Team management
- Problem solving and innovation

Reference

To be furnished upon request.

Professional Profile

Dedicated and results-driven Software Engineer with the experience in designing, developing, and maintaining scalable software solutions. Adept at collaborating with cross-functional teams to deliver high-quality code on time. Seeking to leverage my technical expertise and problem-solving skills to contribute to innovative projects and drive organizational success.

Education

BE Software Engineering

School of Electrical Engineering and Computer Science , 3.27

Matriculation

Science Locus School , 1062/1100 (2018)

Intermediate

Punjab College of Science , 1032/1100 (2020)

Internship Experience

TokToAI , NSTP Islamabad (13-Sep-2023 - 13-Oct-2023)

Role: Machine Learning Intern Tasks: Collaborating with Individuals to Build an Application named "Resume Ranker".

DigiTech Solutions (05-Jan-2023 - 05-Mar-2023)

Role: Technical Writer Tasks: Delivering content writing and academic writing tasks for the clients from different countries.

Projects

TaskMaestros: Software Solutions Company

During my undergraduate studies, my roommate and I co-founded a startup specializing in online software solutions. Initially, we operated as independent service providers, but we subsequently transitioned to a more structured approach, delegating tasks and embracing an entrepreneurial mindset.

Machine Learning Projects

I've completed many Machine Learning projects such as prediction tasks, recommendation systems etc on a very basic level using different Machine Learning Algorithms in order to understand their working.

Freelancer

I've been Freelancing for the pas 2 years on different platforms in the fields of Web Development, Web Scraping and Machine Learning. This has helped me to enhance my skillset in these domains.



Mohsin Sheikh

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Abbottabad , Pakistan

Technical Skills

- Mean development
- Web scraping
- Javascript (es6)
- Jquery, ajax, mysql
- React
- Graphql
- Mongodb (database)
- Express, nodejs

Soft Skills

- Strategic communications
- Improvisation
- German language (a1 level)
- Coding
- Strong work ethics
- Managing multiple priorities
- Reasoning and resilience
- Thesis formatting

Reference

To be furnished upon request.

Professional Profile

Driven and ambitious professional with a relentless passion for entrepreneurship, seeking a career path that propels me towards my goal of founding and leading my own innovative ventures. With a solid foundation in software development, automation, and CRM systems, I am committed to gaining invaluable experience and expertise within the corporate world. My aim is not only to excel in every role I undertake but also to cultivate the skills, insights, and networks necessary to drive my entrepreneurial aspirations. I am eager to contribute to the growth of a forward-thinking organization while actively preparing for the day I embark on my entrepreneurial journey.

Education

BE Software Engineering

School of Electrical Engineering and Computer Science , 3.47

Matriculation

Army Burn Hall College , 1069/1100 (2018)

FSc

Military College Jhelum , 1051/1100 (2020)

Bachelors in Software Engineering

School Of Electrical Engineering and Computer Science , 3.48 (2024)

Internship Experience

Walee NUST Center of Excellence (01-Oct-2022 - 20-Oct-2023)

During my one-year internship at the WALEE Center, I embarked on a dynamic journey of professional growth. I initiated my foray into MEAN stack development, where I developed a BMI Calculator and tackled the login module for a Merchant Management system. My transition to Python saw me successfully creating a

Proto IT Consultants (01-Aug-2023 - 31-Oct-2023)

During my three-month tenure at Proto IT Consultants, I spearheaded transformative initiatives in workflow automation for businesses. Leveraging tools like Zapier, Make, and Pabbly, I engineered seamless operational processes, enhancing productivity and efficiency. A notable achievement included the developme

Projects

MEAN Stack Development (BMI Calculator and Merchant Management System)

Developed a robust BMI Calculator and efficiently handled the login module for a Merchant Management system, showcasing my proficiency in MEAN stack technologies and user-friendly application design.

Python Web Scraping Library for Twitter Data

Successfully engineered a Python-based (Selenium) web scraping library to extract valuable data from Twitter, enhancing my coding skills and adaptability while contributing to data-driven decision-making.

Automations using Zapier, Make, and Pabbly

Orchestrated workflow automation projects through Zapier, Make, and Pabbly to streamline processes and enhance productivity. Notable achievements include creating a system to analyze CVs by integrating ChatGPT with Google Drive and Docs and developing a dynamic interface for CV improvement via Google Forms. A

Custom CRM Systems on Monday.com and Zoho

Designed and constructed tailored CRM systems on Monday.com and Zoho, catering to specific business needs. This involved a deep understanding of CRM functionalities and a client-centric approach, highlighting my ability to adapt and deliver solutions that align with client requirements.



Muhammad ahmed Khan

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Islamabad , Pakistan

Technical Skills

- Android
- Front end web development
- Flutter apps development

Soft Skills

- Teamwork & collaboration

Reference

To be furnished upon request.

Professional Profile

Please update objective section.

Education

BE Software Engineering

School of Electrical Engineering and Computer Science , 3.1

Internship Experience

Hybrid Engineering Pvt. Ltd (10-Jun-2023 - 15-Aug-2023)

Geo-estate explorer application for Islamabad and Rawalpindi that includes the projection of available houses and plots in different areas of twin cities on google maps. The individual markers representing plots and houses depicts the minimum and maximum price ranges of the properties in the area.

Projects



Ayesha Inam

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SECTOR G-10/4 ISLAMABAD

Islamabad , Pakistan

Technical Skills

- Agile and waterfall methods
- Front end web development
- Data analysis
- Editing and proofreading
- Php, laravel, vue.js, mysql
- Canva
- Java, python, web, spark, mongodb
- Web development

Soft Skills

- Database design (sql,mongodb)
- Microsoft word, excel, project
- C programming language
- Cisco packet tracer, wireshark
- Time management
- Good listner
- Punctual and responsible

Reference

Name: Ms. nitasha ayaz
Company: Mpcl
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Professional Profile

I am an accomplished software engineer, data scientist, and web developer possessing extensive expertise in constructing and managing efficient, scalable, and secure systems. My skill set encompasses a diverse range of programming languages such as Java, Python, and C++, along with a strong foundation in data structures, algorithms, and design patterns. I excel in statistical analysis, machine learning, and data visualization, and I am well-versed in web development technologies like HTML, CSS, JavaScript, PHP, and Laravel, proficient in both front-end and back-end development. My track record includes successfully collaborating in team settings and spearheading projects from conception to implementation

Education

BE Software Engineering

School of Electrical Engineering and Computer Science , 2.98

Matric

Islamabad Model College for Girls F-7/4 Islamabad , 1029/1100 (2018)

Intermediate

Scienta Vision college , 1008/1100 (2020)

Software Engineering

National University of Science and Technology(NUST) , (2024)

Internship Experience

Mari Petroleum Company Limited(MPCL) (01-Jul-2023 - 18-Aug-2023)

Dedicated and detail-oriented intern with a passion for web development and a strong command of proofreading skills, seeking to leverage my experience at Mari Petroleum's Corporate and IT department to contribute effectively to a dynamic team.

ONT-Lab (01-Jun-2023 - 08-Sep-2023)

Developed a comprehensive Telemetry Data Collection and Monitoring Solution for efficient management and real-time monitoring of network devices. Utilized the NETCONF protocol and ncclient library to collect telemetry data from various networking devices. The solution incorporates YANG models to provide a sta

IVY Technology (15-Jun-2023 - 08-Oct-2023)

Dedicated and detail-oriented intern with a strong foundation in machine learning and PyTorch, seeking to leverage my experience gained at Ivy to contribute effectively to a dynamic team in the field of artificial intelligence and data science

Art House by sarwat gillani

Leveraged React.js to craft a captivating user interface and elevate user experience. Collaborated with designers to transform concepts into interactive and responsive web elements, enhancing the platform's art browsing experience. Seamless integration of backend functionalities for a dynamic and visually app

Attendance using Face recognition

Implemented in Java using OpenCV, this project offers an efficient solution for automating attendance management. Leveraging the power of facial recognition, the system accurately identifies individuals and records their attendance in real-time.

Ecommerce website using laravel framework

Shoe Ecommerce Website with Laravel and PHP - Crafted a dynamic and stylish online shoe store using the Laravel framework and PHP.

Fake News detection using Machine Learning algorithms

Advanced Machine Learning-based Fake News Detection System achieving 93% accuracy. Combines powerful algorithms to classify and identify misinformation in news articles. Enhances media credibility and promotes reliable information dissemination



Saif ullah .

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Islamabad , Pakistan

Technical Skills

- Apache spark
- Teradata sql assistant
- Web scraping
- Mongodb (database)
- Talend | ssis
- Tableau | power bi
- Database (mysql)
- Python

Soft Skills

- Communication skills
- Human resource management
- Effective leadership and manag

Reference

To be furnished upon request.

Professional Profile

A certified data analyst with curiosity-driven mindset & innate passion to find trends in various aspects of life, experienced in big data & data analytics, also working & actively seeking suitable opportunities in data engineering.

Education

BE Software Engineering

School of Electrical Engineering and Computer Science , 3.51

Bachelor of Engineering in Software Engineering

NUST , 3.51 (2024)

Internship Experience

Optical Networks & Technologies Lab (13-Jun-2022 - 13-Sep-2022)

Utilized Apache Spark to explore and analyze .pcap data, ensuring effective processing and extraction of insights Implemented Spark Streaming to analyze .pcap data in optimized batches, each containing 1,000,000 packets, enhancing real-time insights Executed data analysis on remote servers using PySpark, sh

xFlow Research Inc. (13-Jun-2022 - 13-Sep-2022)

Parsed 73 million packets from a .pcap file, converting them into structured .csv format. Implemented multi-threading techniques, effectively increasing the data conversion speed by 2x Leveraged Pandas, Matplotlib, Seaborn, and Plotly to comprehensively explore and analyze the .csv data, deriving valuable i

Ufone 4G (07-Jul-2023 - 17-Aug-2023)

Developed streamlined Python-based ETL solution, bypassing HDFS dependency and enabling direct data transformation and loading into Teradata. Harnessed Teradata utilities (FastLoad, MultiLoad, TPT, TPump, BTEQ, FastExport) for streamlined data loading and manipulation Employed diverse SerDes (XML, JSON, CSV

Projects

O.C.E.A.N. Personality Analysis

Web-based Dashboard displaying insights into the results of a personality test using Dash in Python

Maven Market Dashboard

Power BI dashboard providing detailed insights into the sales and returns of 1560 products of a company operational in US, Canada and Mexico

EDAs

Multiple end-to-end projects on real life data using SQL, MongoDB, defining ETL classes, using Time Series Analysis, A/B Testing, Clustering, Supervised Learning and much more

IMDb Data Integration using Talend

Uses Rapid API to fetch IMDb data, filters, and uploads the data in different tables in a MySQL Database, in one click using Talend



Syeda amna Raza

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Sahiwal , Pakistan

Technical Skills

- Data engineering
- Big data analytics
- Python/java/c++/octave
- Data cleansing and analysis
- Data science
- Data analysis
- Web design and developmnt
- Python, keras

Soft Skills

- Korean language (beginner)
- Communication skills
- Effective leadership and manag
- Project and team management
- English speaking and writing
- Good listner
- Photography
- Creativity

Professional Profile

I am a Software Engineering Student currently focusing on improving my Data Anlytics Skills. I have worked on Grafana, Tableau and Python. Along with Data analytics, I am also enhancing UI/UX design skills by practicing app and web design projects on Figma.

Education

BE Software Engineering

School of Electrical Engineering and Computer Science , 3.31

Fsc

Divisional Public School and Inter College Sahiwal , 1031/1100 (2020)

Matric

Divisional Public School and Inter College Sahiwal , 1072/1100 (2018)

, ()

Internship Experience

Embedded AIoT and Smart Agritech Research Center (12-Jun-2023 - 26-Aug-2023)

Responsible for creating interactive Grafana Dashboard, displaying real time air monitoring by data gained from sensors, writing python scripts to review and send data to servers through MQTT protocol and also worked on saving data gained from dashboards in sql database.

Codsoft (01-Aug-2023 - 31-Aug-2023)

Completed three different data science projects involving different machine learning models.

Apna Wifi (01-Aug-2022 - 31-Oct-2023)

Responsible for creating different interface designs and visuals related to Sea Products Website.

Reference

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Projects

Customer Analysis Dashboard

Crafted a customer analysis dashboard in Tableau, providing actionable insights into purchasing patterns, demographics, and behaviour to drive strategic decision-making.

Meeting synopsis generator

Created an innovative system to automate business meetings, eliminating the need for HR or note-taking personnel. Leveraged LSTM and other ML models to extract keywords and generate summaries from recorded meeting audio.

Sales Insights for Marketing Decision Dashboard

Designed a dashboard in tableau displaying insights extracted from the raw data to take data-driven business decisions.

The Rider's Club (Website Design)

Completed web design and development for Bike services provider company.



Muhammad danish Minhas

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Technical Skills

- Data engineering
- Etl
- Database (mysql)

Soft Skills

Reference

To be furnished upon request.

Professional Profile

A self-motivated student and Data Analytics enthusiast keen to enhance my personal and professional skills.

Education

BE Software Engineering

School of Electrical Engineering and Computer Science , 3.73

Internship Experience

Software Engineer - InLights (01-Oct-2023 - 31-Oct-2023)

Data Engineer - Agrilift (19-Jun-2023 - 19-Sep-2023)

Software Engineer - Khair.pk (15-Dec-2022 - 15-Jun-2023)

Data Analyst - TenX (13-Jun-2022 - 08-Aug-2022)

Projects

Unveiling the Secrets of the Mind Through EEG Based Text Generation

Fine-tuned Large Language Models (LLMs) to generate comprehensible text from EEG input. Developed as part of Final Year Project.

Data Warehousing in Talend Open Studio

ETL pipeline to extract data from OLTP database and store in OLAP Star Schema using SCD Type 1 and 2.

Facial Recognition Attendance System

Automated attendance system via CCTV camera using Haar Classifier, achieving an accuracy of 75%.

GCP ETL Pipeline

ETL Pipeline to record popular articles in OLTP database using CloudSQL. The pipeline then transferred articles to Bigquery Data Warehouse to keep OLTP up-to-date.



Sameen Mubashar

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shoukat cowk waris pura

Faisalabad , Pakistan

Technical Skills

- Software quality assurance
- Specialization in python
- Cisco packet tracer
- Data science
- Proficient in java & sql
- Mern development
- Networking tools (wireshark)
- Etl | warehouse operations

Soft Skills

- Problem solving skills
- Mern stack web developer
- Verbal communication
- Quick learner
- Project and team management
- Time management
- Problem solving and innovation
- Video editing

Reference

To be furnished upon request.

Professional Profile

Seeking a challenging software engineer position to utilize my skills in software engineering, and gain hands-on experience in designing, coding, and maintaining dynamic softwares and applications. Committed to learning new technologies and implementing innovative solutions to meet clients' needs and enhance their online presence.

Education

BE Software Engineering

School of Electrical Engineering and Computer Science , 3.14

FSc. Pre-Engineering

Punjab College For Women , 1033/1100 (2020)

Internship Experience

Optical Networking and Technology Lab SEECS (25-Jul-2023 - 05-Sep-2023)

Interned at a computer networks lab to gain experience with SONIC and PINS, two open source network operating systems. Developed a deep understanding of the SONIC and PINS architecture, and P4 Programs. Also studied to integrate PINS with SONIC Developed a detailed understanding of the challenges involved in

CodSoft (10-Aug-2023 - 10-Sep-2023)

Data Science Intern Interned at Codsoft for one month as a Data Science Intern. Completed 5 data science projects using provided datasets, applying different machine learning algorithms to solve the problems, such as classification, regression, and clustering. Used data engineering techniques to clean and

Projects

Social Media Application

Introducing a professional-grade social media app powered by Java, Kotlin, and Android Studio. Connect globally with captivating profiles, intuitive news feeds, and interactive chat. Meticulously designed for performance, scalability, and user privacy. Experience seamless connectivity on our innovative platfo

DeepPacketShield | Freelance

This project utilized NDPI and pcapdroid to perform deep packet inspection, analyzing network traffic at the packet level. Leveraging the NetPatch firewall, specific applications were blocked based on their IP addresses. This project showcases expertise in DPI, network traffic analysis, and firewall configura

NIKE Shoe Store Website

Cutting-edge Nike shoe store built with React, Next.js, and Starp.io database. Showcasing expertise in immersive e-commerce experiences, dynamic product listings, and efficient data management. Delivering seamless checkout processes, personalized user interactions, and optimized performance for a superior bro

Marketing Campaign and Sales Predictor

Employed machine learning algorithms to craft a retail industry client's marketing campaign, enabling the development of personalized and precise marketing strategies through data analysis and behavior forecasting. This approach optimized time and resource utilization, leading to enhanced customer retention.



Ayesha shamim Naime

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Karachi , Pakistan

Technical Skills

- Cuda
- Python/java/c++/octave
- Computer vision
- Data handling and forecasting
- Data cleansing and analysis
- Data science
- Front end web development
- Laravel

Soft Skills

- Logical and conceptual learner
- Microsoft word, excel, project
- Communication oral/written
- Team playing
- Technical documentation
- German language
- Problem solving and innovation
- English speaking and writing

Reference

To be furnished upon request.

Professional Profile

I am passionate about exploring the intersection of Machine Learning, specifically in the areas of Computer Vision and NLP. With experience in various ML libraries and tools, I am eager to create innovative solutions that bridge the gap between these fields. My ultimate goal is to make a meaningful impact through technology.

Education

BE Software Engineering

School of Electrical Engineering and Computer Science , 3.59

Alevels

Pakistan International School, English Section , 3A* (2020)

Olevels

Pakistan International School, English Section , 2As, 6A* (2018)

Software Enginnering

National University of Science and Technology , 3.59 (2024)

Internship Experience

TrueBeauty (20-Jun-2023 - 22-Sep-2023)

Machine Learning Engineer: Skincare Product Information Retrieval: Conducted daily web scraping to gather essential skincare product information based on user requests. Image Processing and Segmentation Model Development: Designed a U2Net model dedicated to skincare background removal. Processed and au

ONT Lab, SEECS, NUST (15-Jun-2022 - 15-Oct-2022)

Machine Learning Intern Applied machine learning techniques to real-world time datasets provide by the supervisor Used popular machine learning libraries such as Scikit-learn, TensorFlow, and PyTorch. Acquired knowledge on various Machine Learning concepts, such as multiple algorithms including linear r

Projects

Digit Recognizer

Digit recognition project using a combination of MNIST dataset and custom images from the TrainImages directory. The images are preprocessed, concatenated with MNIST data, and used to train a sequential model from TensorFlow

Bank Churn Prediction:

This project focuses on utilizing a neural network to address the challenge of a heavily skewed training dataset. Various methods, including downsizing, oversampling, and SMOTE, are tested to optimize training and improve model performance.

Titanic Passenger Survival Classifier

ML model to predict Titanic survival based on individual characteristics. The model's results were submitted to the Kaggle competition, earning an accuracy of 0.76.

Customer Life Time Value Prediction

This project's goal was to develop a deep learning model forecasting Customer Lifetime Value (CLTV) based on a year's worth of customer shopping expense data. The model predicts a customer's spending for the current month, emphasizing feature engineering and model optimization to achieve accurate predictions.



Fatima Hussain

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Riyadh , Pakistan

Technical Skills

- Python and bash scripting
- Convolutional neural networks
- Recurrent neural networks
- Computer vision
- Data handling
- Data science
- Data analysis
- Statistical analysis

Soft Skills

- Analytical thinking
- Reasoning and resilience
- Communication skills
- Self-management skills
- Organization
- Multi tasking
- Competitiveness
- Flexibility and adaptability

Reference

To be furnished upon request.

Professional Profile

Currently in my 4th year of Software Engineering, I find it intriguing to delve into the intersections of mathematics and computer science, specifically data analytics, artificial intelligence and machine learning. I am eager to see how these technologies will remodel the industrial landscape and I am enthusiastic about utilizing my efforts and skills, specifically in Python and its ML libraries, to make a meaningful contribution.

Education

BE Software Engineering

School of Electrical Engineering and Computer Science , 3.72

Diploma in Pre-Engineering

Pakistan Internation School (English Section) , 4.0 (2020)

Bachelors of Engineering in Software Engineering

National University of Sciences and Technology , 3.72 (2024)

Internship Experience

xFlow (13-Jun-2022 - 12-Sep-2022)

Learned how computer networks operate at the microlevel and how to improve them using data analytics and machine learning. Gained proficiency in using shell scripts and Docker for creating and working with Containers Used creative problem solving and collaborated with team members to build a network swi

Deep Learning Lab (12-Jun-2023 - 14-Aug-2023)

Learned the mathematical theory behind machine learning and its applications in real-world problems. Completed training courses for proficiency in Machine Learning and Deep Learning. Gained a solid base in machine learning by using it to solve real-world problems.

Projects

IMDb Movie Search Engine

Application of various data structures in Python with the primary aims of reducing memory requirements and ensuring fast and efficient retrieval.

Customer Lifetime Value (CLTV) Prediction

Performed data preprocessing, EDA, and applied feature engineering. Trained and optimized a deep learning model in TensorFlow to accurately to predict CLTV for an online store. An user interface was developed using Flask to display the results of the model.

DisasterWatch - Ongoing

It is an AI driven web application that aims to develop a framework that leverages openly accessible data, particularly satellite imagery, to swiftly perform situational analysis on devastated regions to aid recovery teams and other stakeholders. A central component of this initiative is an innovative machine



Fatima Kashif

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Rawalpindi , Pakistan

Technical Skills

- Data engineering
- Agile and waterfall methods
- Devops and cloud computing
- Ann
- Web scraping
- Computer vision
- Data handling and forecasting
- Data cleansing and analysis

Soft Skills

- Improvisation
- Leadership and communication
- Problem solving and innovation

Reference

Name: Engr. dr. sidra sultana
Company: Seecs, nust
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Email: sidra.sultana@seecs.edu.pk

Professional Profile

Seeking a challenging software engineering role where I can leverage my expertise in building and maintaining efficient, scalable, and secure systems. With a strong foundation in multiple programming languages, data structures, and algorithms, I aim to contribute to innovative projects while continuously expanding my skills. My proficiency in statistical analysis, machine learning, and web development technologies positions me to make significant contributions to cutting-edge software solutions. I am eager to work collaboratively in a team environment and lead projects from concept to deployment, while driving excellence and innovation in software development.

Education

BE Software Engineering

School of Electrical Engineering and Computer Science , 3.38

Software Engineering

National University of Sciences and Technology , (2024)

A levels

Roots Ivy International School , ()

Internship Experience

ONT Lab SEECS (2023-06-01 to 2023-09-10) (06-Jun-2023 - 10-Sep-2023)

Developed and implemented innovative algorithms to optimize data collection and monitoring capabilities of the Open Networking Engine using telemetry

CARE Pvt Ltd (01-Jul-2022 - 09-Sep-2022)

- Utilized Python APIs to retrieve and analyze financial data, leveraging pandas for data cleaning and preprocessing, resulting in accurate and reliable insights for informed decision-making.
- Implemented various machine learning and deep learning models to predict cryptocurrency prices, surpassing baseline

Freelance Software Developer (06-Jun-2023 - 31-Oct-2023)

- Developed and deployed multiple websites using a variety of technologies including Langchain, Flask, and MERN stack.
- Utilized agile project management methodologies to successfully deliver all assigned projects on time and within budget, achieving a client satisfaction rate of 95%.

Projects

Art House by Sarwat Gilani

Collaborated with a renowned Pakistani celebrity, Sarwat Gilani, to develop a website in React.

Attendance system using face recognition system

- Utilized Python and Java to develop robust backend and frontend systems for the attendance solution.
- Integrated computer vision technology for accurate face recognition, resulting in a 90% accuracy rate in recording attendance.

VT Performance

- Contributed to the development of a full-stack MERN application designed to host cryptocurrency-integrated competitions.
- Leveraged Metamask for effortless sending and receiving of Ethereum-based cryptocurrencies and tokens, enhancing the user experience by ensuring secure and straightforward competition

ML Pipeline using PySpark

Created a pipeline to predict car sales. Trained the model using random forest



Syed sheraz Hussain

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Technical Skills

- Data engineering
- Etl
- Javascript (es6)
- Data analysis
- Ms powerbi
- Reactjs
- Html, css, javascript
- Talend | ssis

Soft Skills

- Strong work ethics
- Communication skills
- Conflict management
- Communication and presentation
- Flexibility and adaptability
- Time management
- Empathy
- Creativity

Reference

To be furnished upon request.

Professional Profile

As a passionate Software Engineer deeply drawn to the intricacies of working with data and solving complex problems, I am eager to embrace a challenging role that leverages my skills and fosters a continuous learning journey. I'm unwavering in my commitment to staying updated on the latest trends and cutting-edge technologies, with the aim of crafting innovative solutions that not only drive business success but also nurture my growth as a professional.

Education

BE Software Engineering

School of Electrical Engineering and Computer Science , 2.65

Bachelors of Software Engineering(BESE)

School of Electrical Engineering and Computer Science(SEECS) , 2.65 (2020)

Intermediate - HSSC Federal Board

Bahria College, E-8, Islamabad , A1 grade , 93.7% (2020)

Matriculation - SSC Federal Board

Bahria College, E-8, Islamabad , A1 grade, 95.8% (2018)

Internship Experience

U Microfinance Bank(UBank) (20-Jun-2023 - 15-Sep-2023)

1) Position: Data Analytics Intern 2) Project: Automated and visualized the "Sales and Distribution" Report, handling data from over 300 branches across Pakistan, with nearly 2 million rows of banking data daily. 3) Impact: - Automated the generation of an important report - needed daily to monitor the progre

Shipfro Private Limited (13-Aug-2023 - 15-Oct-2023)

1) Position: Project Lead and Software Developer. 2) Roles and Responsibilities: - Design and Development of the Shipfro mobile app. - Continuous development of the Shipfro web application. 3) Technologies: React.js, CSS, JavaScript, Bootstrap, MUI, Figma.

Projects

Web Developer - Asteramind.com

Developed the website asteramind.com for my own startup, using React.js and Tailwind CSS.

Reliable UDP

Network programmed a client/server pair in python that allows the client to transfer a file to a server's local directory without any packet loss, duplication, corruption or rearrangement over UDP on an extremely unreliable network.

AccountantX.com

Developed a web application for a client that simplifies and streamlines the workflow of accountants and improves their interaction with their clients.

CodeClan

A web-based platform that allows users to participate in coding competitions, enroll in courses, practice coding problems, and be a part of a community by interacting with other members.



Syeda fatima Shahid

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6
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Pakistan

Technical Skills

- Data engineering
- Data analysis
- Web development
- Machine learning

Soft Skills

- Analytical thinking
- Strong work ethics
- Flexibility and adaptability
- Problem solving skills
- Communication & interpersonal

Reference

To be furnished upon request.

Professional Profile

A diligent software engineer in the process of pursuing a Bachelor's degree in Software Engineering and having about 4 years of experience in the Software industry. Throughout my academics, I have prioritized polishing my skills, meeting deadlines and delivering projects of commendable quality. I am actively seeking out good work opportunities, particularly in the domain of Data Engineering/Analytics, Machine Learning and Web Development to put my acquired skills to good use and gain real-world exposure, all the while making meaningful contributions to the tech industry.

Education

BE Software Engineering

School of Electrical Engineering and Computer Science , 3.6

Bachelor of Engineering in Software Engineering

National University of Sciences and Technology (NUST) , 3.6 (2020)

Internship Experience

PTCL Ufone (06-Jul-2023 - 17-Aug-2023)

During my SummerSpark Internship at PTCL, I delved into the realm of API security and conducted research on API vulnerabilities, API security best practices, implementation best practices, and OWASP guidelines for API security. It helped me gain significant insights on a topic that I previously did not have e

Interns Pakistan (03-Jul-2023 - 31-Jul-2023)

This was a web development based internship by the end of which I got a good grip on HTML, CSS, JS, PHP, and also explored tools and technologies like jQuery, Wordpress, and Bootstrap allowing me to complete projects in these technologies during the internship.

Projects

Reduced Life Expectancy Predictor

A machine learning project aimed at developing a model for predicting Disability-Adjusted Life Years (DALYs) in order to analyze the year-wise reduced life expectancy in different nations due to various mental health disorders.

Bakery Management System

An automated and efficient website to manage the day-to-day activities in a bakery and provide an online ordering facility. It streamlines the functioning of a production center handling multifarious bakery chains.

Reliable UDP Project (Python)

Socket programming project to transfer a file from a client to a server's local directory using a client/server pair via UDP protocol on an extremely unreliable network, and the primary aim is to ensure the successful delivery of files.

British Airways Review Analysis

This project is focused on scraping and collecting customer feedback of BA and analysing this data to present any insights for the British Airways.



Syed mohammad talha bukhari .

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Technical Skills

- Javascript (es6)
- Nodejs
- Front end web development
- Html/css 5
- Reactjs
- MongoDB
- Expressjs
- Mern stack

Soft Skills

- Attention to detail
- Problem solving skills
- Effective documentation
- Technical documentation
- Verbal communication
- Communication & interpersonal
- Project and team management
- Problem solving and innovation

Reference

To be furnished upon request.

Professional Profile

A highly motivated and result-oriented final year student of Software Engineering with a strong passion for Full Stack Web Development. I am equipped with hands-on experience in MERN Stack technologies through a combination of projects and internships. I am seeking to leverage my technical skills, problem-solving abilities, and innovative mindset to contribute effectively to a dynamic development team and build user-centric, high-performance applications.

Education

BE Software Engineering

School of Electrical Engineering and Computer Science , 3.73

Intermediate in Pre Engineering

Punjab Group of Colleges , 1043/1100 (2020)

Internship Experience

VentureDive (Web Development Intern) (04-Jul-2022 - 04-Oct-2022)

- Among 15 interns selected from pool of 4000 applicants for VentureDive's Jumpstart Internship Program - Worked on frontend of an automated quality assurance tool Turino under supervision of Senior Software Engineer - Contributed to development process using React, Redux and Chrome Extension Development

Data Pilot (Web Development Intern) (02-Jun-2023 - 26-Aug-2023)

- Worked on development of Customer Segmentation and Email Marketing dashboards for E-Commerce stores - Contributed in implementation of wireframe from scratch following the KPIs - Worked on development of MVP for client demo and prototyping and integrated maps using Mapbox to enable geospatial analytics

Projects

MediLogs

Working on our FYP titled MediLogs, an ecosystem that connects the major stakeholders in healthcare domain i.e. laboratories, patients and doctors through unified platform to enable control and informed decision making. The platform has features like consumer portals, reports sharing, appointment scheduling,

NMC Care

A website developed using React, Node, Express and MongoDB for NUST Medical Centre to automate the process of booking appointments and buying medicine and facilitate doctors and students within premises of university.

E-Cademy

A website developed using PHP, JavaScript, Bootstrap, CSS and HTML to provide an E-learning platform for students through which they can enroll in courses and study online.

ON 21 Website

A website developed using PHP, JavaScript, CSS and HTML for Orientation of NUST 2021 to facilitate communication between NUST and fresh students.



Muhammad Mustafa

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Technical Skills

- Structural testing
- Cryptanalysis
- Web scraping
- Computer vision
- Flask
- Front end web development
- Kali linux
- Software testing

Soft Skills

- Entrepreneurial skills
- Technical documentation
- Verbal communication
- Detail oriented
- Project and team management
- Time management
- Creativity
- Teamwork & collaboration

Reference

To be furnished upon request.

Professional Profile

I'm a dedicated Software Engineering student at SEECS NUST with a strong emphasis on Cyber Security. I'm passionate about safeguarding digital landscapes and ensuring the confidentiality and integrity of data. Through my academic foundation, I've developed a deep understanding of software systems and a proficiency in programming. My goal is to apply this knowledge to real-world challenges, contributing to the security of digital environments. I'm actively seeking opportunities to work on projects that enhance cybersecurity, collaborate with experts in the field, and stay up-to-date with the latest advancements. My objective is to play a pivotal role in strengthening cyber defenses and making the digital world safer.

Education

BE Software Engineering

School of Electrical Engineering and Computer Science , 3.03

Intermediate in Computer Science

HITEC School and College for Boys , ()

Bachelors in Software Engineering

National University of Science and Technology , (2024)

Internship Experience

National Defense Research and Innovation Lab (10-Jun-2022 - 31-Aug-2022)

Gained practical experience in penetration testing methodologies, actively using industry-standard tools such as Nmap and Metasploit to assess and enhance network security and acquired hands-on experience in the cybersecurity field, gaining a practical understanding of security concepts and methodologies.

HawksAI (05-Apr-2022 - 30-Sep-2023)

Developed and maintained web and app solutions using Django and Flutter, Collaborated with cross-functional teams to create seamless user experiences, ensuring the reliability and scalability of digital platforms. Leveraged programming expertise to drive innovation and optimize application performance for e

Inlghts (01-Feb-2022 - 31-Dec-2023)

Contributed to AI research and software development, where I actively participated in developing a solution for intelligent traffic lights systems, enhancing skills in AI, and producing innovative software solutions.

Projects

Care365

Developed a mobile app in collaboration with TechIQ Zambia, enabling direct connections between doctors and patients. This app, currently in use throughout Zambia, not only facilitates direct communication but also empowers patients to book appointments and make payments seamlessly, emphasizing my commitment

AgroInsights

Led the development of the "AgroInsights" app, tailored for the agricultural sector to deliver comprehensive insights on farms, crops, and livestock. The app also connects farmers with agronomists improving productivity, and enabling data-driven decision-making.

Trebble

Successfully developed and deployed a versatile mobile and web app, available on the web, Play Store, and Apple Store. This project offers attorneys a secure and efficient platform for storing and managing case-related data and client information online, enhancing their workflow and data accessibility.

Msekese Fisheries

Collaborated with Msekese Fisheries and IQTech in Zambia to develop a mobile app using Flutter. This innovative app is dedicated to monitoring fish farms, providing streamlined data management and insights for enhanced aquaculture operations. The company utilizes the app to monitor data for their operations a



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Technical Skills

- Data engineering
- Big data analytics
- Web development frameworks
- Python/java/c++/octave
- Software quality assurance
- Web scraping
- Computer vision
- Data handling and forecasting

Soft Skills

- Coding
- Strong work ethics
- Persuasion
- Reasoning and resilience
- Networking
- Organization
- Teamwork, flexibility
- Leadership and communication

Reference

To be furnished upon request.

Professional Profile

Dynamic and motivated undergraduate student with a strong academic background. Seeking to leverage my knowledge and skills in a challenging internship or entry-level position within a reputable organization. Eager to contribute to a team while gaining practical experience and fostering professional growth.

Education

BE Software Engineering

School of Electrical Engineering and Computer Science , 3.45

O Level

Army Public School , 88.77% (2018)

A Level

The City School- PAF Chapter , 89.09% (2020)

BE Software Engineering

SEECs - NUST , 3.45 (2024)

Internship Experience

Bytewise Limited (06-Mar-2023 - 18-Jul-2023)

Data Science Fellow

Smart Agri Tech Lab, Embed AIoT Smarter Solutions (06-Jun-2023 - 20-Aug-2023)

Machine Learning and Computer Vision Intern

Graduate Rotational Internship Program (GRIP) by The Sparks Foundation (01-Mar-2023 - 31-Oct-2023)

Data Science & Business Analytics intern

Projects

Tax Management System

A Database Management System. Web application implemented in Java, HTML & CSS using SQL Database at the backend

Search Engine For IMDB Database

A simple project for the course of Data Structures and Algorithms to make a search engine for IMDB, implemented in C++

Socket Programming- Transforming UDP to TCP Protocol

A Computer Networks Project implemented in Python, transforming UDP client-server to become reliable like TCP protocol.

File Management and Memory Map

A python program having Operating System features of file/directory handling and memory mapping.



Hamna Naveed

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Technical Skills

- Web development frameworks
- Software quality assurance
- Web scraping
- Mongodb (database)
- Front end web development
- Web design and developmnt
- Flutter
- Software testing

Soft Skills

- Teamwork, flexibility
- Flexibility and adaptability
- Problem solving skills
- Project and team management

Reference

To be furnished upon request.

Professional Profile

To leverage my technical expertise and passion for software engineering in a challenging and dynamic environment. Seeking a position as a Software Engineer where I can contribute my skills in designing, developing, and deploying high-quality software solutions. Committed to continuous learning and staying updated with the latest technologies to deliver innovative and efficient software solutions that drive business success

Education

BE Software Engineering

School of Electrical Engineering and Computer Science , 3.58

Matric

Siddeeq Public School , 95.6% (2018)

(FSC) Pre-Engineering

KIPS , 89.5% (2020)

Internship Experience

Inara Technologies (03-Jul-2023 - 31-Aug-2023)

IT Company (05-Jun-2023 - 31-Aug-2023)

XFlow (06-Jun-2022 - 05-Sep-2022)

Optical Networks and Technologies Lab (ONT), NUST (06-Jun-2022 - 05-Sep-2022)

High Performance Computing Lab, NUST (06-Jun-2022 - 05-Sep-2022)

AIME (06-Jun-2022 - 05-Sep-2022)

Projects

Music and Mental Health

A Machine learning project for predicting the effect of music on mental health. The project include steps such as Data Exploration and Preprocessing , Feature Engineering and Selection, Model Selection and Training , Model Improvement and Model Deployment. A Machine learning project for predicting the effect

Sizzling Bites Restaurant

This project is a fully functional responsive restaurant website built using React. The website comprises multiple pages and incorporates a speech synthesis feature to assist customers in selecting menu items. Skills: Front-End Development · React.js GitHub Link: <https://github.com/hamna456/Restaurant-W>

Biometrically Verified Electronic Voting System (OBV-EVS)

Develop a prototype web-based application to simulate the electoral process of general elections in Pakistan incorporating biometric verification. Eliminate the requirement of physical presence in one's constituency for voting, also allowing Pakistani expatriates to exercise their right of vote. Incorporate a

Sport Complex Management System

A Java based desktop application made for Sports Complex Management. The objective is to make a system that can manage the records, data and servicing activities of different sports, players, coach, management all at a time through a single platform. Skills: Desktop Development ,Java, MySQL GitHub Link:



Mydah Nasir

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Technical Skills

- Agile and waterfall methods
- Operating systems
- Android
- Typescript
- Computer vision
- Javascript (es6)
- Jquery, ajax, mysql
- React

Soft Skills

- Opp and design patterns
- Database design (sql,mongodb)
- Team workshop
- Analytical thinking
- Persuation
- Teamwork, flexibility
- Leadership and communication

Reference

To be furnished upon request.

Professional Profile

I am looking forward to work in an organization that best matches my current skill set. I value professionalism and therefore would like to work for a company that is well known for its good work ethics. I would prefer to do a job that values my skill and appreciates my work.

Education

BE Software Engineering

School of Electrical Engineering and Computer Science , 3.94

Software Engineering

SEECs , 3.95 (2020)

Internship Experience

Thinksoft (15-Mar-2023 - 01-Aug-2023)

I worked as MERN Stack developer at Thinksoft. During the internship I mainly worked on backend of projects based on next.js and typescript. I also did front end development using tailwind css. I independently developed the company website <https://www.thinksoft.io/> and worked as a team member on the website h

Projects

Thinksoft Company Website

I have independently created the website for the company where I did my internship. The website can be visited using following url <https://www.thinksoft.io/>

App Development using Android Studio

I have made an Online Doctor Appointment Booking Application on android studio as a personal project.

Website Development using PHP Laravel

Ecommerce Website

Database Management System using MySQL and JavaScript

Tax Management System with front end using CSS and HTML and backend using Javascript



Alina Nasir

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Technical Skills

- Agile and waterfall methods
- Python socket programming
- Web development frameworks
- Operating systems
- Jquery
- Python/java/c++/octave
- Typescript
- Software quality assurance

Soft Skills

- Aws cloud specialization
- Web designing on wix.com
- Leadership and communication
- Exel
- Ms office
- Word
- Problem solving skills
- Team playing

Reference

To be furnished upon request.

Professional Profile

Take up a job in an organization where I can practice my current skills, implement my educational knowledge in creating a new industrial project, get an inclusive environment where I can not only polish my skills but also get endless oppurtunity for growth

Education

BE Software Engineering

School of Electrical Engineering and Computer Science , 3.92

Software Engineering

SEECs , 3.92 (2020)

Internship Experience

Sentinel AI (02-Jun-2023 - 02-Sep-2023)

I was hired as a full stack developer at Sentinel AI. During this internship I worked on three of their projects, namely Attendance Management System, Video Analytics System and Sentinel AI's website. The first two projects were ongoing and I was on boarded with their web development team to work on them. The

Projects

Website Development Using Laravel

An online clothing store website with frontend using tailwind CSS and backend using PHP/Laravel

Mobile Application with Android Studio

An online application to book appointments with doctor

Database Management System using MySQL

A tax management system where the users can view their taxes, pay them and download their active tax payer certificate

Musafir (Travel Website Using MERN stack)

A website where tourists can browse about various tourists spots in Pakistan and book the hotels, view the ratings of food, restaurants and tourist spots



Hafsa Tariq

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Technical Skills

- Web development frameworks
- Data cleansing and analysis
- Html/css 5
- Data analysis
- Laravel
- Research and technical writing
- Engineering equation solver
- Network programming

Soft Skills

- Web engineering (mean stack)
- Cisco packet tracing, wireshar
- Analytical thinking
- Coding
- Logical and conceptual learner
- Communication skills
- Self-management skills
- Human resource management

Reference

To be furnished upon request.

Professional Profile

A committed student , interested in software development to enhance my skills and learn advance methods of AI ,Machine Learning and web development

Education

BE Software Engineering

School of Electrical Engineering and Computer Science , 3.68

SSC

Fazaia Inter college E-9, Islamabad , 91.18% (2016 - 2018)

HSSC

Fazaia Inter college E-9, Islamabad| , 90.36% (2018 - 2020)

Bachelor of Software Engineering

SEECS,Nust , 3.68 (2020 - 2024)

Internship Experience

ONT LAB SEECS (01-May-2022 - 01-May-2023)

I have worked in ONT lab seeecs as a research assistant and during this time I have worked in collaboration with a research group of politecnico di torino university and have published 4 research papers in multiple international conferences. My domain of work was optical networking , machine learning and deep

Devsinc (03-Jul-2023 - 10-Sep-2023)

I completed an internship with Devsinc as a Software Engineering Intern. During this internship, I gained experience working with the Django stack and its framework. I was recognized as the top performer within my intern group upon completion of the program.

Projects

GOALS-VAULT

GoalsVault is an android application that is based upon the human phycology. The application comprises of various challenges , along with a to-do list and a fun game. These various challenges are from everyday life that helps an individual to build up their personality

REHAISH

It is a real estate web application that allows the user to sell ,buy and view a property. Its main feature is that it tell the user whether the person they are trading with is a fbr filer or not and this feature helps in the prevention of any case of fraud.

ZASH BEAUTY WEB APPLICATION

ZASH Beauty is a web application primarily built on laravel . It is an ecommerce webapp focusing on the beauty domain.

E Banking System

I have developed a comprehensive e-banking system that includes both admin and user panels using the Django stack. This system showcases my proficiency in full-stack development, database management, and security protocols within the context of a critical financial application. The project demonstrates my abi



Aiza Islam

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Technical Skills

- Data engineering
- Data science
- Data analysis
- Web design and developmnt
- Machine learning

Soft Skills

- Leadership and communication
- Problem solving skills
- Technical documentation
- Teamwork & collaboration

Reference

To be furnished upon request.

Professional Profile

To be committed to cutting edge technology advancements while continuously expanding knowledge and experience.

Education

BE Software Engineering

School of Electrical Engineering and Computer Science , 3.7

O level

The city school , 7A*, 1A (2018)

A level

Beaconhouse Newlands , 4A* (2020)

Software Engineering

SEECS-NUST , 3.70 (2024)

Internship Experience

Techmedo (13-Feb-2023 - 15-Oct-2023)

AI Research Associate

Data Analytics Lab SINES (10-Jul-2023 - 01-Aug-2023)

Data Science Intern

Projects



Muhammad abdullah Awan

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Technical Skills

- Web development frameworks
- Front end web development
- Web development (responsive)
- Web development

Soft Skills

- Mern stack web developer

Reference

To be furnished upon request.

Professional Profile

I am a highly motivated and results-driven professional seeking a challenging position where I can utilize my skills in Web Development to contribute to the success of the team and organization. I am committed to continuous learning and growth, with a strong desire to make a meaningful impact. I'm seeking an entry-level position that offers opportunities for professional development and growth. I am looking for a challenging role where I can leverage my expertise in Web Development to drive innovation and achieve outstanding results. I am committed to delivering high-quality work, leading teams, and fostering a collaborative work environment.

Education

BE Software Engineering

School of Electrical Engineering and Computer Science , 3.5

Bachelors in Software Engineering

School of Electrical Engineering and Computer Science (SEECS) , 3.5 (2024)

Internship Experience

Alfabolt (15-Jun-2023 - 01-Sep-2023)

I worked there as a Front End Developer. My tasks were mainly related to the UI and its integration. We were using Next JS for the projects.

Projects

Youtube Clone

I created a Youtube Clone with a very interactive user interface quite similar to modern youtube version. I used YouTube Data Api v3 to fetch dynamic data.

Jobify

I along with my group mates created a platform named Jobify for job seekers and provide. We created this using Bootstrap on front end and used Laravel as a back end framework.



Sadia Rehman

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Technical Skills

- Data engineering
- JQuery
- Data cleansing and analysis
- Python, keras
- Used cisco packet tracer
- Laravel
- Research and technical writing
- Tensorflow, scikit-learn

Soft Skills

- Database design (sql,mongodb)
- Cisco packet tracing, wireshar
- Communication skills
- Software debugging
- Php
- Team management skills
- Multi tasking
- Interest in computer security

Reference

To be furnished upon request.

Professional Profile

Highly motivated and results-driven professional with a strong background in software development and a passion for creating innovative solutions. Seeking a challenging role in a dynamic company where I can leverage my technical skills, creative problem-solving abilities, and strong teamwork to contribute to meaningful projects and drive organizational success.

Education

BE Software Engineering

School of Electrical Engineering and Computer Science , 3.44

Bachelors of Engineering in Software Engineering

School of Electrical Engineering and Computer Science, NUST , 3.44 (2024)

Internship Experience

Optical Networks and Technologies Lab (06-Jun-2022 - 01-Sep-2023)

During my tenure at ONT Lab, I played a pivotal role in the realm of Software-Defined Networking (SDN) research. My work primarily revolved around investigating topology discovery times and mechanisms across various SDN controllers, including POX and Ryu. Through rigorous experimentation and analysis, I contr

Interns Pakistan (07-Aug-2023 - 10-Sep-2023)

During my internship at Interns Pakistan, I embarked on a dynamic journey in the realm of front-end development. Over the course of my internship, I honed my skills in HTML, CSS, jQuery, WordPress, and JavaScript. One of my significant achievements during this time was the successful development of a visual

CodSoft (05-Aug-2023 - 05-Sep-2023)

At CodSoft, I specialized in Machine Learning. I worked on various projects such as creating models to detect credit card fraud, classifying movie genres, and predicting customer churn. These experiences helped me become skilled in data analysis, feature engineering and model optimization, making me proficien

Projects

ZASH beauty

An online e-commerce website for beauty items. Customers can view, add, update and delete products from their cart, and also submit their orders. Built with HTML, CSS, Bootstrap, JavaScript, PHP Laravel, MySQL+ phpMyAdmin githublink:<https://github.com/sadiarehman/Web-Project>

Loan Default Predictor

Loan Default Predictor uses a Random Forest Model to accurately predict whether a loan default has occurred or not. It is a binary classification problem. githublink: <https://github.com/sadiarehman/Loan-Default-Predictor>

Rahaish

Real estate property management is an effective and easy to use tool. This web application helps people understand the real estate business. It is a quick response application that can store each detail of every transaction. Real estate property management system can evaluate an unlimited number of properties

GoalsVault

An android application which helps user build up habits, achieve their goals and increase their productivity; all with a flare of fun. The project majorly falls under the domain of Android App Development. It is aimed to be a task-management and productivity app developed using Android Studio. Featuring Daily



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Technical Skills

- Data engineering
- Agile and waterfall methods
- Python socket programming
- Big data analytics
- Finance
- Ethereum blockchain
- Web development frameworks
- Operating systems

Soft Skills

- Strategic communications
- Logical and conceptual learner
- Strong work ethics
- Managing multiple priorities
- Communication skills
- Self-management skills
- Human resource management
- Versatility

Reference

To be furnished upon request.

Professional Profile

I always take pride in delivering service beyond expectations, as quality control is essential to achieve success. I genuinely enjoy success that is built upon long-term relationships and achieving goals. I like to focus on the positive side of the equation with a big smile and lots of energy.

Education

BE Software Engineering

School of Electrical Engineering and Computer Science , 2.96

BACHELOR IN SOFTWARE ENGINEERING

NUST School of Electrical Engineering and Computer Science (NUST-SEECs) , 2.96 (2024)

General Certificate of Education - Ordinary Level

THE LAHORE ALMA , 914/1100 (2018)

General Certificate of Education - Advanced Level

THE LAHORE ALMA , 935/1100 (2020)

Internship Experience

NaqCoDE Technologies Pvt LTD (10-Jul-2023 - 04-Sep-2023)

xFlow Research (Pvt.) Ltd. (13-Jun-2022 - 16-Sep-2022)

DGTL Network (07-Sep-2021 - 28-Sep-2023)

Sixth Dimension (03-Feb-2020 - 30-Oct-2023)

Projects

Unity Flight Dynamics Simulator for Automation and Optimization

Undertook the development of a Unity-based flight dynamics simulator during my internship, a project at the intersection of Automation and Optimization. This ambitious venture required an in-depth grasp of intricate flight dynamics principles and meticulous problem-solving. The result was a lifelike simulator

Employee Information Digitization Android Application named HONESTY SHOP

In the arena of Mobile Application Development, I spearheaded a transformative project aimed at the comprehensive digitization of the company's employee system. Leveraging the power of Android Studio, I meticulously crafted an Android application that ushered in a new era of streamlined employee information m

React-PHP Point of Sale (POS) System Development

In the May to June 2022 timeframe, I undertook a pivotal project involving the creation of a Point of Sale (POS) system. This system was meticulously implemented using JavaScript's React library for the frontend and PHP for backend development. My primary responsibilities encompassed ensuring a comprehensive

SONiC NOS Testing, Quality Assurance, and Research

From June to September 2022, I undertook a multifaceted project in the realm of Software for Open Networking in the Cloud (SONiC). As an intern, I assumed the vital role of ensuring the robustness and quality of the SONiC platform. This endeavor encompassed the meticulous testing of newly implemented features



Syed zaid ul haq Jeelani

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Technical Skills

- Web development
- Machine learning

Soft Skills

- Geneious

Reference

To be furnished upon request.

Professional Profile

Aspiring product manager

Education

BE Software Engineering

School of Electrical Engineering and Computer Science , 3.23

Fsc

HITEC School and College for Boys , 1025/1100 (2019)

Internship Experience

Cielo Wigle (01-Jan-2022 - 31-Jan-2022)

- Cloud development team - Worked with AWS services in production environment

Projects

Founder @ InceptAI

Product Owner of InceptAI Incubated at MCS Platform to build applications from AI prompts



Muhammad affan Zahid

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CHAKWAL

Chakwal , Pakistan

Technical Skills

- Game designing on unity
- Unreal engine
- Unity game development
- C, c++, java and python

Soft Skills

- Communication and presentation
- English speaking and writing

Reference

To be furnished upon request.

Professional Profile

Aspiring Game Developer focusing on Graphical Rendering and Gameplay Programming

Education

BE Software Engineering

School of Electrical Engineering and Computer Science , 3.41

Internship Experience

Nustac Technologies (01-Jul-2022 - 31-Aug-2022)

1. Worked on a Blockchain-based Job Recruitment platform, focusing on high-level interactions of the backend with Solidity 2. Prototyped initial designs of the web application using React

Quest Labs (02-Jul-2023 - 15-Aug-2023)

1. Developed an Augmented Reality (AR) application using Unity and ARFoundation 2. Deployed the applications to Android and iOS

M-Labs, Mindstorm Studios (10-Jun-2023 - 21-Aug-2023)

1. Participated in the largest video game fellowship in Pakistan with a team of 4 2. Developed a video game in Unity as the lead programmer for my team

Projects

Winter Game Jam 23

Worked with a team to develop a 2D Game in Unity

Virtual Glasses Try-on

A cross-platform application made using Unity and ARFoundation to virtually try-on various glasses before purchasing them

Texteroids

A Mobile Game developed using Unity



Muhammad muarij Salman

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Technical Skills

- Web development frameworks
- Html/css 5
- Machine learning

Soft Skills

- Web engineering (mean stack)
- Database design (sql,mongodb)
- Aws cloud specialization
- Cisco packet tracing, wireshar
- C
- Modelsim altera

Reference

To be furnished upon request.

Professional Profile

I am hard worker trying to learn as much as I can and contribute to the team as much as I can.

Education

BE Software Engineering

School of Electrical Engineering and Computer Science , 3.12

Software Engineering

National University of Sciences and Technology , 3.12 (2020)

Internship Experience

MachVis (01-Apr-2023 - 30-Jun-2023)

Worked on a collision avoidance system in drones where it detects an object and calculates it's depth from an RGB camera

Projects

Sky Obstacle Avoidance

Drone avoiding obstacles with just an RGB camera



Khubaib ahmad Qureshy

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Technical Skills

- Python/java/c++/octave
- Html/css 5
- Jira- project management

Soft Skills

- Managing multiple priorities
- Self-management skills
- Human resource management
- Team management skills
- Effective leadership and manag

Reference

To be furnished upon request.

Professional Profile

Education

BE Software Engineering

School of Electrical Engineering and Computer Science , 2.35

Bachelors of Software Engineering

SEECS, NUST , (2024)

FSc Pre-Engg

Government College University , (2020)

Matric (Bio)

Crescent Model School , (2018)

Internship Experience

XFlow (01-Jun-2022 - 14-Sep-2022)

Worked on SONiC

The Citizens Foundation (01-Jun-2023 - 17-Jun-2023)

Worked as a Senior Volunteer, at a rural area school

SDON lab SEECS (01-Jun-2022 - 14-Sep-2022)

worked on SONiC and SDOlab website

Projects

SEECS website QA

did quality assurance with Dr. Sidra Sultana

Deputy Director Photography ON23

was DD in the NUST orientation

Deputy Director Photography ON22

was DD in NUST orientation 2022

SDON lab Website

worked on making the new website of SDON/ONT lab in SEECS



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