NUST
School of Electrical Engineering
& Computer Science

Department of
Computing

Graduate Booklet

BESE Bachelor of Software Engineering

Class of **2022**

Contents

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.

Department 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 Department 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.

Department 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 courier, academics pursuits, and life in general.

Faculty

The department is proud to have at its service a core of highly qualifies 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 actie 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 Departing 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 (CPInS)
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. Abdul Wahid (HoD) PhD - Kyungpook National University, Korea	**Dr. Shams Ud Din Qazi** PhD - University of Wollongong, Australia
Dr. Arsalan Ahmad PhD-Poliecnico di Torino, Italy	**Dr. Muhammad Khuram Shahzad** PhD - Sungkyunkwan University, South Korea
Dr. Muhammad Zeeshan PhD - NUST, Pakistan	**Dr. Hasan Ali Khattak** PhD - Universty of Paris France
Mr. Maajid Maqbool MBA - Windsor, Canada	**Dr. Shah Khalid** PhD- PhD Jiangsu University, China
Dr. Qaiser Riaz PhD - University of Bonn, Germany	**Dr. Farzana Jabeen** PhD - Tsinghua University China
Dr. Yasir Faheem PhD - University of Bari, Italy	
Dr. Muhammad Moazzam Fraz (HoD AI & DS) PhD - Kingston Universty of London, UK	**Dr. Seemab Latif** PhD - University of Manchester, UK
Dr. Muneer Ahmed PhD - Universiti Teknologi Petronas	**Dr. Rabia Irfan** - PhD - SEECS-NUST, Pakistan
Dr. M. Imran Malik PhD - TUKL, Germany	
Dr. Safdar Abbas Khan (HoD IT & ITL) PhD - Universty of Paris, France	**Dr. Tahira Anwar Lashari** PhD - Universiti Tun Hussein Onn, Malaysia
Mr. Jaudat Mamoon MSc - Federal Universty of Technology, Lausanne, Switzerland	**Dr. Arham Muslim** PhD - RWTH Aachen University Germany
Dr. Sohail Iqbal PhD - Universty of Paris, France	**Dr. Adnan Rashid** PhD - National University of Sciences and Technology, Pakistan
Engr. Dr. Rafia Mumtaz (HoD SE) PhD - University of Surrey, UK	**Dr. Asad Waqar Malik** PhD - EME NUST, Pakistan
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. Seema Jehan** PhD - TU Graz, Austria
Dr. Zuhair Zafar PhD - University of Kaiserslautern Germany	**Dr Muhammad Daud Abdullah Asif**
Dr Muhammad Bilal PhD - Kyunghee University	**Engr. Taufiq-Ur-Rehman** MSc - MCS - NUST, Pakistan
Dr Ahsan Sadaat PhD - Macquarie University	**Dr Imran Mahmood** PhD - Royal Institute of Technology
Ms. Ayesha Kanwal MS- SEECS, NUST, Pakistan	**Ms. Hania Aslam** MSc - SEECS, NUST, Pakistan
Ms. Zunera Zahid MSc - RCMS, NUST, Pakistan	**Dr. Omar Arif** PhD - Georgia Institute of Technology
Dr. Hasan Tahir (HoD IS) PhD - University of Essex, UK	**Dr. Mehdi Hussain** PhD - University of Malaya, Malaysia
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

S. No.	Course Code	Subjects	CHs	Semester
		BESE-Curriculum		
1.	PHY102	Applied Physics	2+1	
2.	MATH101	Calculas and Analytical Geometry	3+0	
3.	MATH161	Discrete Mathematics	3+0	
4.	HU100	English	2+0	1st
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	
2.	HU–101	Islamic Studies	2+0	
3.	MATH–121	Linear Algebra and ODEs	3+0	2nd
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	
2	SE-200	Software Engineering	3+0	
3	CS-250	Data Structures & Algorithms	3+1	3rd
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	
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	4th
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	
2.		Engineering Elective-I (Web Engg)	3+1	
3.	SE-315	Cloud Computing	2+1	5th
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	
2.	SE-321	Software Quality Engineering	3+0	
3.		Management Science Elective-II (Entrepreneurship)	2+0	6th
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	
2.		Engineering-Elective III (DIP/Network Security)	3+x	
3.		Engineering-Elective IV (Data Warehousing and Data Mining)	3+1	7th
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	
2.		Engineering Elective-V (AI/Computer Forensics)	3+1	
3.	CSL-401	Community Service	1*	8th
4.		MDEE-II (Internet of Things)	3+0	
		Total CHs	**11**	
		Overall CHs	131	

BESE
Student Resumes

Abdul Basit Chishti

Email Address abdulbasitb443@gmail.com
LinkedIn profile https://www.linkedin.com/in/abdul-basit-chishti-2243a5199/
Career Objectives

A passionate and self motivated Software Engineer with technical skills in programming. Looking to use current knowledge, passion and understanding in a professional setting to further enhance my skills.

EDUCATION

2022	BESE	National University of Sciences and Technology
2018	F.Sc.	Govt. Post Graduate College Bhakkar
2016	Matric	Govt. Model High School Bhakkar

Achievements

Write Honors and Achivements Here

WORK EXPERIENCE

08/2021 — 10/2021 — Hactric Solutions (Pvt) Ltd.

Title: MERN Stack Developer
Worked on requirements analysis, designing and building complex web applications using advanced web development technologies

| From | To | Organization |

Brief summary of key responsibilities - work / research experience

Community Involvement

Honors, Awards or any other Worth Mentioning Achievements

PROFESSIONAL & TECHNICAL SKILLS

Web Development	MERN(MongoDB,Express.js,React.js,Node.js),PHP,Laravel
Deep Learning	TensorFlow, Keras, CNN, RNN, LSTM, Python, Statistics
Soft Skills	Team work, Troubleshooting, Positive Attitude
Others	Data Structures, OOP, Java, and Passion to excel

Extra Curricular Activities

Part of different societies at NUST. Some of them are:
* FICS   * NFC   * NCSC

Volunteer work like visiting orphange

Hobbies and Interests:
* Badminton
* Book Reading
* Book Reading
* Robotics

ACADEMIC PROJECTS

Social Networking Website
-- HTML, CSS, Bootstrap, JavaScript for frontend
-- PHP, WAMP Server, MYSQL for backend
Medical/Super Store Online Database Android App
-- Used firebase for storage, database handling and authentication

---

Abdul Rafay Ahmad

Email Address abdulrafay1172@gmail.com
LinkedIn profile https://www.linkedin.com/in/abdul-rafay-ahmad-a5109218a/
Career Objectives

I am an undergraduate student and an aspiring Software Developer who is eager to contribute to team success through hard work, attention to detail and organizational skills. Clear understanding of a task is my main focus and I try my best to solve it cleanly as possible through my skillset.
I am motivated to learn, grow and excel in the Industry.

EDUCATION

2022	BESE	National University of Sciences and Technology
2017	FSC	Army Public School and College Syestem
2015	Matric	Army Public School and College Syestem

Achievements

Mern Stack Developer Certificate
Completed several Coursera Courses

WORK EXPERIENCE

06/2021 — 09/2021 — Nexus Berry

Developing some components for the frontend
Integrating the backend
Optimizing some backend processes
Created a customizable plugin in the backend

09/2021 — working — Unity Game Development Intern

Making an Android/IOS puzzle game which includes working on the game mechanics, building levels, google ad integration and buf fixing

Community Involvement

Plantation drive.
Welfare Program of Subsidized Rations for Low Income Families.

PROFESSIONAL & TECHNICAL SKILLS

Software	Python
Software	Reactjs
Software	C#
Software	Kotlin

Extra Curricular Activities

Nust Literary Circle (07/2019 - 01/2021)
Nust Fitness Club (06/2021 - 01/2022)
Hack Club NUST (07/2021 - 04/2022)

ACADEMIC PROJECTS

File Management System
Multi-Server File Downloader
Age, Gender Ethnicity Classification using CNN
Patient Portal for a Database System
Pharmacy Management System

Abdul Rafey

Email Address arafey183@gmil.com
LinkedIn profile https://www.linkedin.com/in/abdul-rafey-916049199

Career Objectives

A Passionate Software Engineering Student with a keen interest in Deep Learning and Cloud Computing. An Eager Student wanting to grasp more knowledge and apply it to Digital Solutions.

EDUCATION

2022	BE-SE	National University of Sciences and Tecnology, Islamabad
2018	F.Sc	Punjab College of Science, Faisalabad
2016	Matric	La Salle High School, Faisalabad

Achievements

- Microsoft Certified Azure Fundamentals (03/2021)
- Microsoft Certified Azure AI Fundamentals (10/2020)
- DeepLearning.AI TensorFlow Developer (09/2020)

Community Involvement

- Volunteered service for children in SOS village in a visit arranged by Chaddar, NUST Chapter

Extra Curricular Activities

- Media Executive at NUST Fitness Club (09/2019 - 05/2020)
- Marketing Executive at NUST Media Club (09/2019 - 05/2020)

WORK EXPERIENCE

11/2020 Present Fiverr

Level Two Seller. Provided Machine Learning services. Mainly worked in Python using Tensorfow, Keras, Pandas, Numpy, Matplotlib

07/2021 08/2021 PTCL

Regional Network Operations Team, Our responsibility was to Monitor the Copper and Optical Network and follow up on any anomaly

PROFESSIONAL & TECHNICAL SKILLS

Machine Learning	Python, Tensorflow, Keras
Data Science	Pandas, Numpy, Matplotlib
Cloud	MS Azure, AWS, Cloud Deployment, Virtual Machines
Team Management	Team Lead, Communication

ACADEMIC PROJECTS

Final Year Project - NLP based tool for extracting useful information from email text using Named Entity Recognition and Relationship Extraction
Fiverr Project - Semi-Supervised Text Classifier with a Web Interface deployed on a Centos6 VM on MS Azure

---

Ahmed Hassan Ismail

Email Address ahmed3651998@gmail.com | 03331582412 | 03338895756
LinkedIn profile https://www.linkedin.com/in/ahmedlssj/

Career Objectives

Willing to excel at learning in a team oriented dynamic environment, and set myself up for the long run of my software engineering expertise. Right now seeking for jobs where I can apply and hone my skills simultaneously as I am eager to learn, grow, and passionate about Software Development. My primary interest is developing Android and WEB applications.

EDUCATION

2015	O Level	English Language (Pvt) School, Dubai UAE
2017	A level	English Language (Pvt) School, Dubai UAE
2022	BESE	SEECS, National University of Sciences and Technology

Achievements

Amazon Web Services (AWS) Sep. 2020 – Present
Volunteer Remote
• AWS Community Pakistan Student Member

Community Involvement

Teamwork, flexibility
Problem solving skills
Forex general knowledge
Technical documentation
Verbal communication
Deadline oriented

Extra Curricular Activities

Volleyball
Football

Movies
Anime

Books
Cryptotrading

WORK EXPERIENCE

July21 Sept21 TUKL NUST R&D

Research Assistant on my previous FYP which was semantic segmentation of satellite imagery.

Dec21 Jan22 Fiverr

Mobile Application development using Flutter.

PROFESSIONAL & TECHNICAL SKILLS

SE	Web Development (HTML CSS JS PHP)
SE	React development
SE	Flutter mobile development
SE	Django backend

ACADEMIC PROJECTS

Simple Vegetable App built using Flutter for selling vegetables and fruits.
Simple Webpage using Material UI for React.
Newsly News Website | CSS Bootstrap, PHP, JavaScript.
Stocks predictor using Python and Machine Learning.

MUHAMMAD AHRAR AHMED

Email Address mahmed.bese18seecs@seecs.edu.pk
LinkedIn profile https://www.linkedin.com/in/muhammad-ahrar-ahmed-219197215/

Career Objectives

Seeking for a Software Developer position in a fast growing organization to utilize expertise in software development and testing, as well as deployment and support using agile development methodologies. Coming with well honed skills in computer science in addition to excellent communication skills.

→ EDUCATION

2022	BESE	SEECS, NUST, Islamabad
2018	FSc	Punjab College, Chakwal
2016	Matric	GHSS Saigolabad, Chakwal

Achievements

Write Honors and Achivements Here

→ WORK EXPERIENCE

Community Involvement

→ PROFESSIONAL & TECHNICAL SKILLS

Web Development	MERN(MongoDB,Express.js,React.js,Node.js),PHP,Larave
Deep Learning	TensorFlow, Keras, CNN, RNN, LSTM, Python, Statistics
Soft Skills	Team work, Troubleshooting, Positive Attitude

Extra Curricular Activities

Following Aviation and Cricket

→ ACADEMIC PROJECTS

Realtime Anomaly detection For Security
Realtime plant monitoring system using IoT
Home price prediction for Islamabad based on data from Zameen.com
Implementation of Page-rank Algorithm
OBE-based CQI tool using MERN-stack

ALI TARIQ

Email Address alitar2@gmail.com
LinkedIn profile https://www.linkedin.com/in/ali tariq12/

Career Objectives

A final year Software Engineering student looking to create value for the technological sector, find new and innovative ways to apply skills and knowledge, and help find meaningful solutions to real-world problems.

→ EDUCATION

2022	Bachelors	SEECS, NUST
2018	A Levels	Beaconhouse School System, Margalla Campus Islamabad
2016	O Levels	The City School, Kohat Campus

Achievements

Achieved 'Beta' Level Recognition in Microsoft Learn Student Ambassador programme internationally

Awarded merit-based scholarship in 3rd year by SEECS, NUST for academic performance

Community Involvement

Served as Press Secretary in Hack Club NUST from 2021-2022

Tech-based articles published in 'ProPakistani' and 'TechJuice'

Served various positions in Microsoft and Google Developer-based chapters in Islamabad from 2019-2022

Microsoft Azure Certified (AZ-900)

Extra Curricular Activities

Creative Writing

Public Speaking

Video Editing

Music/Singing

→ WORK EXPERIENCE

July 2021   Aug 2021   Fatima Group

Completed six weeks internship at the IT department of the company. Worked on a project regarding Network Security and OSPF Authentication. Was awarded a 'Ticket to Assessment Center' on the basis of my performance.

2019   2022   Microsoft Learn Student Ambassador

Worked to promote Microsoft technologies with the various learning resources provided by the program, through collaboration with fellow Microsoft Learn Student Ambassadors, and organizing and helming technical workshops.

→ PROFESSIONAL & TECHNICAL SKILLS

Programming	Python, JavaScript, C++
Development	React, Flutter, Firebase, HTML/CSS
Data Science/ML	Pandas, NumPy, PyTorch, TensorFlow/Keras
Cloud Computing	Microsoft Azure, AWS

→ ACADEMIC PROJECTS

Developed a system that uses Convolutional Neural Networks (CNNs) to automatically classify objects for trash disposal into different categories using images.
Used hardware based on the Arduino and NodeMCU platforms, and technologies like Firebase IoT, to create a Smart Car Monitoring System.

Alina Shoaib Qureshi

Email Address aqureshi.bese18seecs@seecs.edu.pk
LinkedIn profile linkedin.com/in/alina-shoaib/

Career Objectives
A Product Enthusiast looking for a position as Product Designer where my experience, knowledge and design skills are useful.
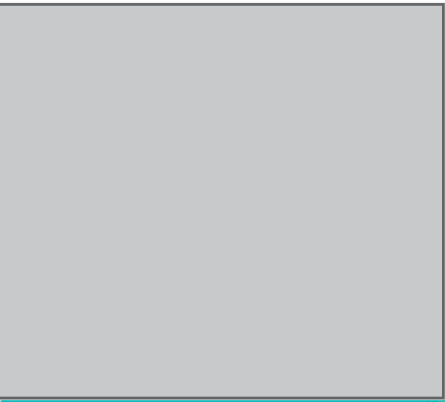
Achievements

Guest Speaker - COMSAT ISB Event
Speaker - SolutionFest. PK

Community Involvement

1. Founding Member of Baydaar Community
2. Lead Project Insaniyat from my Class
3. Organized tech sessions for the community

Extra Curricular Activities

1. Co-Founder & General Secretary - Hack Club NUST.
2. Lead - Google Developer Student Club NUST.
3. General Secretary - Cyber Security Club NUST.
4. Joint Secretary to PS - SGA and NSF
5. ADPList Ambassador
6. Design Lead of AWS ISB

→ EDUCATION

2022	BESE	SEECS, NUST
2018	ICS	Pakistan Education Academy, Dubai
2016	Matric	Pakkistan Education Academy, Dubai

→ WORK EXPERIENCE

Marc 2022 Present   Product Designer - Thinksoft

1. Working on their products by designing the features from their user stories.
2. Using A/B testing for the features.

Sept 2021 Dec 2021   UI/UX Designer - Edwiz

Worked on their mobile app called SEEKO whose aim is to motivate children to learn and involve themselves into extra learning activities

→ PROFESSIONAL & TECHNICAL SKILLS

Product Design	Figma, Wireframing, Prototyping, Design Thinking
Web Developement	CSS, ReactJS, Bootstrap
Social Media Market	Content Strategy
App Development	Flutter

→ ACADEMIC PROJECTS

1. Personalised Mentorship Platform
2. Personality MBTI Website
3. Job Finder Mobile App
4. Classroom management App

Amna Abid

Email Address aabid.bese18seecs@seecs.edu.pk
LinkedIn profile https://www.linkedin.com/in/amna-abid-781428202/

Career Objectives
Early career software engineer with expertise and interests in Requirement Engineering, Machine Learning and Artificial Intelligence. With a passion for algorithm development, model training, testing and analysis, I enjoy working in teams with diverse backgrounds to provide value for all stakeholders.

Achievements

-Graduate of Buraq Space Camp 2016

-Participant in La Trobe University Innovation Grant for Smart City Planning

Community Involvement

- Partake in On Campus Tree Plantation Drives NUST
- Partake in Blood Donation Drive through NCSC (Nust Community Service Club)
- Partake in SOS child engagement community service project during Ramadan 2022

Extra Curricular Activities

- Successfully Completed Paragliding Course from Army School of Physical Training (ASPT) in 2016
- German Speaking Proficiency Level A0

→ EDUCATION

2022	BESE	National Institute of Science & Technology (NUST)
2018	F.Sc	Air Base Inter College, Sargodha (ABICS)
2016	Matric	Fazaia Model Inter College, Mushaf Base, Sargodha (FAZMI

→ WORK EXPERIENCE

June 2019 July 2019   SEECS Faculty

Worked briefly as a research assistant to provide summary reports on Self Driving Cars and any recent developement relevant to the field

July 2021   Present   Freelance

-Content Writing
-Python Projects
-Machine Learning Projects

→ PROFESSIONAL & TECHNICAL SKILLS

Machine Learning	Classification, Regression and Clustering Models (python)
Deep Learning	Neural Networks (CNN, ANN, RNN)
NLP	Machine Translation
Image Processing	Segmentation, Filtering, Classification (python)

→ ACADEMIC PROJECTS

- Automated Dubbing System (FYP)
-Alzheimer's Monitoring System (08/2019 - 11/2019)
-Aha Moment Finder (04/2021 - 06/2021)
-IDC Categorization (04/2021 - 06/2021)
-Hospital Managment System (05/2019 - 11/2019)

Amna Faisal

Email Address amna99faisal@gmail.com

LinkedIn profile https://www.linkedin.com/in/amna-faisal-0077941ab/

Career Objectives

A software engineering student from NUST, who is passionate about data science and enjoys constructing machine learning models to discover unique patterns in datasets. Apart from this, I have a passion for quantum physics.

→ EDUCATION

2022	BESE	National University of Science and Technology, Islamabad
2018	Alevels	Beaconhouse College Programme, Multan
2016	Olevels	Beaconhouse School System, Multan

Achievements

Intro to Internet of Things (03/2020 - 04/2020) Completed the course with Postech University South Korea on Coursera.

→ WORK EXPERIENCE

April,2022 Present   Rapidev, Islamabad

Working as an IoT and System Integration Intern on electronic warfare and communication instruments.

Aug,2021 Dec,2021 AlphaSquad Islamabad

Developed components for the company's Tailwind UI kit, TUK, using HTML5,CSS (custom CSS and Tailwind), JavaScript. Also developed React Integrations of the frontend components. Used GitHub for work coordination.

Community Involvement

SOS village, Multan

→ PROFESSIONAL & TECHNICAL SKILLS

Machine Learning	Python, Neural Networks, Classification and Regression
Computer vision	Object localisation and tracking in videos and images
Data Science	Data preprocessing, analytics and predictions
Frontend dev	HTML, CSS, Tailwind CSS, JavaScript, React

Extra Curricular Activities

Painting
Photography
Reading
Quantum Physics

→ ACADEMIC PROJECTS

Analysis of Reforestation in Pakistan using Satellite Images and Machine Learning (08/2021 - Present) Acquiring data from several satellites and implementing different machine learning models on them to find out areas in Pakistan that have a potential to sustain forests.

ANUM MUJAHID

Email Address amujahid.bese18seecs@seecs.edu.pk

LinkedIn profile https://www.linkedin.com/in/anum-mujahid-173379202/

Career Objectives

Software Engineer who likes to work in challenging and competitive environment where i can improve my skills and capabilities and put them to use for the development of organization.

→ EDUCATION

2022	BESE	National University of Sciences and Technology, Islamabad
2018	ICS	Punjab College for Women, Faisalabad
2016	Matric	The City Grammar School

Achievements

Got gold medal and scholarship for securing first position in Science group in ICS Faisalabad Board examination in 2018.

→ WORK EXPERIENCE

July,2021 Aug,2021 Hactric Solutions, NUST, Islamabad

Worked on two client projects - D2P and Karblock, along with the team at Hactric, as a MERN Stack Developer. Worked on the backend - (using MongoDB, Express, Nodejs) and on frontend - (using Reactjs, REDUX).

April,2021 Jun,2021 Build Guild, Lahore

Software Construction semester project, used Jinja 2, HTML, CSS, JavaScript, Jquery and Bootstrap for the front end development of the flask application.

Community Involvement

1. Conducted Food Drive with Chaddar Foundation
2. Conducted Education Training Sessions for children out of schools with Karwan-e-Mudabbir

→ PROFESSIONAL & TECHNICAL SKILLS

Technical Skills	MERN Stack, JavaScript Programming, REDUX
Technical Skills	Databases, Data Structures and Algorithms
Technical Skills	Git and GitHub, C++ and Python Programming
Soft Skills	Communication Skills, Discipline, Punctuality

Extra Curricular Activities

1. Graphic Designing
2. Painting
3. Cooking

→ ACADEMIC PROJECTS

1. Bridge: Final year project, a web application built using MERN stack, to handle post upload and scheduling of posts for Facebook and Instagram.
2. IDOCtify: Patient record finding and display through face recognition web application using Python, Django framework and Open-CV.
3. Patiention: Patient record management web app built with Django, SQlite.

Muhammad Asim Khaskheli

Email Address mkhaskheli.bese18seecs@seecs.edu.pk
LinkedIn profile https://www.linkedin.com/in/asim-khaskheli/

Career Objectives

A Product Enthusiast who aims to utilize his knowledge and skills to build scalable products impacting millions of people.

Achievements

Campus Lead - Hack Club International.
Guest Speaker - SolutionFest.

Community Involvement

Community Welfare Intern - Akhuwat Foundation

Extra Curricular Activities

1. Founder & President - Hack Club NUST.
2. Co-Lead - Google Developer Student Club NUST.
3. Joint Secretary (Technical & Partnerships) - Cyber Security Club NUST.

EDUCATION

2022	BESE	NUST
2018	FSc.	Adamjee Govt. Science College
2016	Matric	Nasra School

WORK EXPERIENCE

Feb 2022   Present   Associate Product Manager - OneScreen Solutions

1. Establishing and maintaining product messaging between product, marketing, sales, support and development teams.
2. Diving into the user journey to fill product gaps and generate ideas to improve customer experience and contribute to product growth

Sept 2021 Jan 2022   Junior Backend Developer - Alfabolt

Worked with Backend Technologies including Django, PostgreSQL, Elastic Search, etc

PROFESSIONAL & TECHNICAL SKILLS

Product Management	Roadmapping, Strategy, MixPanel, Asana, Leadership
Frontend Dev.	ReactJS, NextJS, TailwindCSS, Chakra-UI, Material-UI
Backend Dev	Django, AWS, Firebase, Supabase
Data Analytics	Pandas, Numpy, Tensorflow, Sckitlearn

ACADEMIC PROJECTS

1. Personalised Mentorship Platform
2. Next Events
3. E-Commerce Simplified

Ayesha Siddiqua

Email Address asiddiqua.bese18seecs@seecs.edu.pk
LinkedIn profile linkedin.com/in/ayesha-siddiqua-4a1730235

Career Objectives

To work as a Software Engineer applying my knowledge in the field of testing, designing, and maintenance to cater to the specific needs of the people.
To explore my knowlegdge by levelling up the professional career from intern to software engineer.
To practically apply my knowlegde of web development, computer vision and deep learning, while sitting beside the employeees of multinational companies.

Achievements

Semester Projects: Tasked to provide interface and dynamicity in web development using modern platforms and libraries.
Virtual Courses and Learning: Graphic designing training and grasped working environment of Adobe Suite Software.
Internship at Techlogix

Community Involvement

Project Hope-Chaddar (Orphanage visits and Materials preparation for the activities at orphanage visits)

CSL-Project: : Installation of UPS at Bringing Smiles Welfare School

Extra Curricular Activities

Cricket- Sports Gala NUST
PC-Gaming
Team member of NMC Society, CSP, ACM-W Council
Participated in Workshops of Graphic Designing and IoT.

EDUCATION

2015	Matriculation	KIPS Girls High School, Johar Town Lahore, Lahore
2018	FSc	KIPS Girls College, Johar Town Lahore, Lahore
2022	BESE	NUST, Islamabad

WORK EXPERIENCE

07/08/19   30/08/19   Techlogix Pakistan (Pvt) Ltd.

Hired as intern at Techlogix for 8-week internship program. Worked with professional staff of software development on a web-development framework, Angular 8. Effective communication with team members

From   To   Organization

Brief summary of key responsibilities - work / research experience

PROFESSIONAL & TECHNICAL SKILLS

Graphic Designing	Adobe Illustrator/After Effects/XD, Filmora, ,Canva, etc.
UI/UX Designing	Static and Dynamic Prototyping, Wireframing
Computer Vision	Worked on Yolov3, v4. OpenCV.
App Development	Web Apps; HML,CSS,Bootstrap. Mobile;Android Studio

ACADEMIC PROJECTS

Voyage Project: A web-based traveling website.IoT Project: Real-time monitoring of human pulse rate: Embedded system with NodeMCU and Pulse Oximetry Sensor. IoT Project: Distance Detection from specific object: Distance detection from Ultrasonic Sensor. Worked with NodeMCU and Arduino IDE. FYP: SOP Voilation Detection using Computer Vision and Machine Learning

BABAR HUSSAIN

Email Address bhussain.bese18seecs@seecs.edu.pk
LinkedIn profile www.linkedin.com/in/babarhussain1728551b3

Career Objectives
To obtain a fresh position as Software Engineer at a fast-paced organization that emphasises technical abilities and innovative ideas and where I can use my skills and knowledge to learn new things and grow as a professional Software Engineer.

→ EDUCATION

2022	Software Engineering	National University of Science & Technology
2018	Inter - Pre Engineering	Punjab Group of Colleges
2016	Matriculation	Young Scholars School & College

Achievements
1. Award of Benevolent Scholarship for 3 years
2. Annual Cricket Participation at Punjab Group of Colleges, Khanewal

Community Involvement
Plantation Drive as a community service project - 2022

Extra Curricular Activities
1. Anime
2. Cricket
3. Video Games
4. Card & Board Games
5. Travelling & Food

→ WORK EXPERIENCE

2019   2022   Freelance

Working on freelance platforms as a Software Engineer & Web Developer. Performing tasks such as developing websites, coding in python & java and problem solving.

2019   2022   Freelance

Working on freelance platforms as a Writer and Content Creator. Performing tasks like writing Big Screen, YouTube & Commercial scripts and creating content for websites and companies.

→ PROFESSIONAL & TECHNICAL SKILLS

Coding Languages	Python, Java
Web Development	HTML/CSS, JavaScript
Frontend Development	React JS
Database	SQL, PHP, MongoDB, Firebase

→ ACADEMIC PROJECTS

1. PERHO PAKISTAN
A web based platform to provide educational opportunities to deserving students through personalized citizen sponsorship, with real time monitoring of data.

2. GO CART
A multi-page online shopping store with numerous shopping goods, product cart features, authentication and platform based responsiveness.

BILAL WAHEED

Email Address bilalwaheed099@hotmail.com
LinkedIn profile https://www.linkedin.com/in/bilal-w-27789ba4/

Career Objectives
Software engineering student with web development and NLP skills, aiming to excel in the field of IT by working as a software engineer.

→ EDUCATION

2016	Matric	Indus Valley Public School, Attock
2018	FSc	Army Public College, Jhelum
2022	BESE	SEECS, NUST

Achievements
1. 3.7 CGPA (SEECS, NUST)
2. Award of Merit Scholarship for 4 years.
3. Inter dept basketball Champions NUST (2022)
4. 3rd Position in Mathematical Hunt Competition, CCH (2017)

Community Involvement
Plantation Drive as a Community Service Project - 2022
WWF Internship - 2021

Extra Curricular Activities
Reading
Chess
Sports
Solving coding problems

→ WORK EXPERIENCE

15-07-21   15-09-21   AlphaSquad

I worked on a Figma plugin that converts design to HTML + Tailwind CSS code. Extensively used JavaScript along with HTML and CSS.

01-07-21   31-07-21   WWF

Internship comprised of skill-building workshop sessions and community service. We designed awareness-raising content, to sensitize and engage online communities.

→ PROFESSIONAL & TECHNICAL SKILLS

WebDev	HTML, CSS, JS, React, Node
SE	Python, Selenium, SpaCy
Design	Figma
Soft Skills	Communication, teamwork, problem solving, adaptability

→ ACADEMIC PROJECTS

1. DevCircle - A social platform connecting developers, who can then share their work and view what other developers are up to. Built using MERN stack.
2. GoCart - An e-commerce application with a variety of clothing items along with a separate admin panel. Built using HTML, CSS, JS, PHP and MySQL.

Abdul Hannan

Email Address ch.hannan15@gmail.com

LinkedIn profile https://www.linkedin.com/in/abdul-hannan-3982901a1/

Career Objectives

Seeking to advance a growing tech career as a Software Developer. Eager to join the challenging work environment to utilize my technical skills in creating beautiful, user-friendly, and customer-oriented projects.

EDUCATION

| 2022 | BESE | SEECS, NUST H-12, Islamabad |
| 2018 | F.Sc | The Oxford College, Pakpattan |

Achievements

Best Website Award
- MLH Local Hackday

Top 5
- AppCon by Easypaisa 2019

Top 10 out of 150
- Telenor Hackathon 2021

Community Involvement

Flutter Clock Challenge Completion Certificate

Extra Curricular Activities

- Sports
- Calisthenics
- E-Gaming

WORK EXPERIENCE

| 2022 | Present | Tuamify |

Built modern applications using Flutter and Dart and supported the company's development processes. Worked with a team of expert coders to write maintainable code and maintain existing software to improve performance and fix bugs

| 2020 | 2021 | Traverse Pakistan |

Responsible for developing the UI pages using Angular 8, HTML5, CSS3, Typescript, and Bootstrap. Created Typescript reusable components, services, and resolvers to consume REST API's.

PROFESSIONAL & TECHNICAL SKILLS

Mobile Development	Flutter, Dart, Firebase, GraphQL
Web Development	Angular, Typescript, Angular Material, HTML, CSS
Collaboration	Git, GitHub

ACADEMIC PROJECTS

Semester Project | Synco is an intranet file sharing server built using Flask and Bootstrap.

Final Year Project | Hawkeye is a Real-time Facial Recognition System built using Flask and Deep Learning.

Atisam ul haq

Email Address ahaq.bese18seecs@seecs.edu.pk

LinkedIn profile atisam-ul-haq-643584154

Career Objectives

I am an undergraduate student and an aspiring Software Developer who is eager to contribute to team success through hard work, attention to detail and organizational skills. Clear understanding of a task is my main focus and I try my best to solve it cleanly as possible through my skillset. I am motivated to learn, grow and excel in the Industry.

EDUCATION

2022	BSSE	NUST university Islamabad
2018	FSC	The Readers Group of Colleges Sargodha
2016	MATRIC	Comprehensive Model High School Sillanwali

Achievements

1. Microsoft Advertising certified Professional

2. Google Cloud Platform Business Professional Accreditation

3. Advanced Google Analytics expert

Community Involvement

1. Global Health cluster coordination WHO

2. Paticipation in " Stanford HAI COVID conference"

3. Residency and Fellowship Harvard initiative

4. Project Hope by Chadar: visit to Orphanage

Extra Curricular Activities

1- Vlogs
2- Music
3- Games
4- Football
5- Freelancing

WORK EXPERIENCE

| 2020 Aug | To Sep | Quantium |

Data preparation and customer analytics
Experimentation and uplift testing
Analytics and commercial application

| 2020 Jul | To Sep | Global Consumer Banking |

Navigate the organisational landscape and product mix
Segmentation and Ideation
Pitching your new product idea

PROFESSIONAL & TECHNICAL SKILLS

Software	Python, JAVA, AR, VR
Software	React, Flutter, Laravel
Software	Metaverse, NFTs, Blockchain
Soft skills	Teamwork, communication, creative writing

ACADEMIC PROJECTS

1. Anomaly detection in real time video
2. Anti-spoofing in real time video
3. Twitter's data sentiment analysis
4. Content recommendation using machine learning
5. Truck Loading application for village

Muhammad Talha Javed

Email Address talha.tj98@gmail.com
LinkedIn profile https://www.linkedin.com/in/muhammad-talha-javed-b173631a4/
Career Objectives

Energetic and motivated Software Engineer adept at developing and implementing new software platforms, and providing Artificial Intelligence support and assistance. Possesses great analytical skills, ability to work in team environments, and strong attention to detail. Adept at building and maintaining effective working relationships with co-workers and clients through outstanding interpersonal skills

EDUCATION

2022	Software Eng	National University of Sciences & Technology
2017	Alevel	Garrison Academy For Cambridge Studies
2015	Olevel	Garrison Academy For Cambridge Studies

Achievements

NEURAL NETWORKS AND DEEP LEARNING – DeepLearning.AI

APPLIED MACHINE LEARNING IN PYTHON – University of Michigan

WEB DEVELOPMENT - DJANGO AND NODEJS – Udemy

Community Involvement

Clean Pakistan
Islamabad Trails, Pakistan
Cleaning activity was carried out by multiple organizations to clean the trails of Islamabad and create public awareness to make sure the trails are kept clean to save the natural environment and promote the tourism industry.

Extra Curricular Activities

Volunteering

Participating in TECH competitions.

Sports

Learning new languages

WORK EXPERIENCE

1/6/2021   31/1/2022 National Center of Artificial Intelligence

Worked as a Data Scientist and Backend Developer to perform data pre-processing and modeling operations. Developed a prototype web application for the semantic search engine with a robust database, for extracting documents.

1/08/2020 Current   Freelancing - Web Developer and Data Engineer

Providing web-based, machine learning and data engineering services at different freelancing platforms.

PROFESSIONAL & TECHNICAL SKILLS

Technical	Python, JavaScript, Database (SQL/noSQL)
Technical	Web Development, Django, NodeJS, React, HTML5/CSS
Technical	Machine/Deep Learning, Docker & Kubernetes, Git
Soft	Collaboration, Teamwork, Leadership, Critical Thinking

ACADEMIC PROJECTS

1. FinDesk - Final Year University Project
Extensible Content Management System with plug-in functionality developed using Python's Django Framework to extend the features of a financial management system as per requirements to meet the specific business needs.
2. Internet of Things (IoT) based Weather Analytics Station

ADEEN JAWAD QAZI

Email Address adeenqazi24@gmail.com
LinkedIn profile https://www.linkedin.com/in/adeen-qazi-9b8b8216b/
Career Objectives

Detail-oriented Software Engineer. Profoundly energetic person who works admirable with least management in a difficult, high-speed (fast-paced) and deadline-driven environment.

EDUCATION

2022	Bachelors	SEECS, NUST
2018	FSc	APSACS Hamayun Road, RWP
2016	Matric	APSACS Hamayun Road, RWP

Achievements

Bronze Honour - Internationa Youth Math Challenge 2020

Community Involvement

Student Volunteer - Chadar, NUST Community Service Club

Extra Curricular Activities

Women in Tech Team Member - Google Developers Student Circle
Student Volunteer- AWS Community, Pakistan
Deputy Director Team Finance - FICS 21
Director Team Admin Events - NUST Excursion Club
Deputy Director Team Finance - NUST Technical Amusement Club

WORK EXPERIENCE

Feb 2022 Mar 2022 BrinySoft

Data Analyst Intern
Worked on extracting data from Youtube and performing different data analytics techniques to predict the future trends of viewership.

July 2021 Aug 2021 PTCL

Intern
Learned about various portals used by PTCL for fault detection and network analysis across Pakistan.

PROFESSIONAL & TECHNICAL SKILLS

IT	Data Analysis
IT	Mobile App Development
IT	Software Testing
IT	Front-end Web Development

ACADEMIC PROJECTS

Web Development Projects: Developed a pharmacy management system using HTML, CSS, JavaScript, and PHP.
App Development Projects: Designed an Android app for tourists using Android Studio. Also, developed a prototype of Careem-like app to provide maintenance services at doorstep for smart phones using Flutter.

Ali Asad

Email Address aliasad6521@gmail.com
LinkedIn profile https://www.linkedin.com/in/ali-asad-0077b5184/

Career Objectives

Software engineer and entrepreneur with a knack for backend development and mobile app development. Having passion for learning new technologies and building products that solve real world problems.

Achievements

- Shortlisted in Top 5 of APPCON - 2021

- Shortlisted in Top 5 of Digital Hackathon by Telenor - 2020

Community Involvement

- Part of Food Donation community running in twin cities by the name of Froods.

- Our project titled "Grass Root" focuses on sustainable income for deserving families by providing them with the resources necessary to earn their living.

Extra Curricular Activities

- Podcasts
- Table Tennis
- Video Games

EDUCATION

2022	Bachelors	National University of Sciences And Technology
2018	HSSC	Fauji Foundation College, New Lalazar, Rawalpindi
2016	SSC	Siddeeq Public School, Satellite Town, Rawalpindi

WORK EXPERIENCE

05 / 2021   Present   Tuamify

Developed the MVP version for admin web-portal using flutter & backend using Hasura & Django.

06/2020   08/2021   Alfabolt

Maintained an e-LMS, developed using Django REST framework. Developed website using Next.js to reduce load times and improve SEO. Developed backend infrastructure for Data Analytics Tool using Hasura, Django.

PROFESSIONAL & TECHNICAL SKILLS

Backend	Django, Flask, php, Hasura
Mobile Apps	Flutter, Java
Frontend	Next.js, React.js, HTML, CSS, Js
Soft Skills	Communication, Leadership,

ACADEMIC PROJECTS

- Robot for Automated Marking of Pavements
- Ride-sharing android app using Java and Firebase
- Search Engine of Stackoverflow Questions using trees of trees
- Hospital Management System Using Flask, HTML, CSS, Js, MySQL
- Multithreaded and multiuser file management system

Ayna Shairi

Email Address aynashairi11@gmail.com
LinkedIn profile www.linkedin.com/in/ayna-shairi-b6133b18b

Career Objectives

Seeking a challenging position in a reputed organization where I can learn new skills, expand my knowledge, and leverage my learnings.

Achievements

8th position in district and 33rd position in Pakistan in International Linguistic Contest 2016.
6th position in district and 62nd position in Pakistan in International Mathematics Contest 2017.
Got Microsoft Office Specialist certificate for   Microsoft Word and   Microsoft PowerPoint

Community Involvement

TABA Youth Chapter NUST - Deputy Director - Social Media (Oct 19- May 20)
It was a leadership role, which helped me gain leadership qualities and allowed me to work on my communication skills

NUST Environmental Club - Deputy Director - Social Media (Oct 19 May 20)
Worked on numerous environment related project.

Extra Curricular Activities

youth Entrepreneurial Society Marketing Executive (Sep 2018 May 2019)
Worked on different events regarding development of entrepreneurial skills in student body.

NUST Technical amusement club Marketing Executive (Sep 2018 - May 2019)
Headed co-curricular events like E-Gamming, Paintball etc.

EDUCATION

2022	BESE	National institute of science and technology (NUST)
2018	F.S.C	Kips College Multan
2016	Matric	Cambridge High School

WORK EXPERIENCE

Feb 2022   -   RNS Solutions

As a front end developer

may 2020   aug 2020   Minerva

Worked as a digital marketing intern for small duration of time, took part in 7-day challenge.

PROFESSIONAL & TECHNICAL SKILLS

Web Development	Technical and SReact, HTLM, CSS, JavaScript, NodeJS
Programming	python, java , SQL, C++,C , javaScript
Prototyping	Figma
SE	Databases, Data Structures, SRE ,CN and OOP

ACADEMIC PROJECTS

Web Project   Kaam Kaaj: using Laravel framework and MVC.
Digital Assistant: using JAVA and XML. technical implementation of (OOP).
Deadly Words : Worked on pygame and Tkinter.
Multi Servers : socket programming, file segmentation and recombination.
HYRE :It was a job portal application created on figma.

Faizan Riasat

Email Address riasatfaizan468@gmail.com
LinkedIn profile https://www.linkedin.com/in/faizan-riasat-36a08b175/

Career Objectives

A motivated individual with in-depth knowledge of languages and development tools, seeking a position in a growth-oriented company where I can use my skills to the advantage of the company while having the scope to develop my own skills.

→ EDUCATION

2022	BESE	National University of Science and Technology
2018	F.s.c(Eng)	Punjab Grpup of Colleges
2016	Matric	Punjab School

Achievements

Got Top 3 positions from primary to middle Class
Won cricket cups in matric and f.s.c
Won mathematics competition in school

Community Involvement

Plantation Drives
Orphange Fund Raising

Extra Curricular Activities

Cricket- Played at University level
Football
Badminton

→ WORK EXPERIENCE

12/7/2021 12/9/2021 OREL Vision

I worked on the project of   Precision Agriculture and Crop Detection   as part of the AI Team. I worked on implementing, training and deploying Machine Learnig Algorithm (Yolov5) to assist the team in this task.

13/3/2022 Going   Devsinc

I m working as Associate Software Enginner in Training Phase.

→ PROFESSIONAL & TECHNICAL SKILLS

Technical	AI, ML and Deep Learning, Data Analytic -Visualization
Technical	Computer Vision
Languages	Python, Cpp,C ,Java, Ruby
Soft	Problem Solving, Critical Thinker, Mathematics Expert

→ ACADEMIC PROJECTS

1- Facial Recognition System-Smart survelliance system that uses facial recognition to detect and identify suspicious peronnel from a centralized database 2- Skin Cancer Classification 3- Internet Download Manager 4- ShoeHub-An ecommerece platform 5- Bank Management System

Muhammad Hamza Amir

Email Address muhammadhamza2084@gmail.com
LinkedIn profile https://www.linkedin.com/in/muhammad-hamza-amir-412b4b183/

Career Objectives

Pursue the Android Application development field.
Be a system designer.
Work at a FAANG company.
Explore and learn new technologies.

→ EDUCATION

2022	BESE	National University of Sciences & Technology
2018	F.Sc.	Punjab College of Science
2016	Matric	Allied School

Achievements

Completed several Coursera Courses.
Acquired Microsoft Python Programming Certificate

Community Involvement

Took part in NUST plantation drive.
Worked with different organizations during Covid to distribute rations among deserving families.

Extra Curricular Activities

Video Games
Photography
Party Video Games
Cricket
Badmintion
Gym

→ WORK EXPERIENCE

Sep. 2021 Feb. 2022 AlphaSquad

SOFTWARE QA ENGINEER - QA TEAM Tested the functionality of company products i.e., websites and android applications. Tested the UI, frontend, and non-functionality of websites.
Automated the testing of websites using puppeteer and jest.

Oct. 2020 · Dec. 2020 TestBirds Germany

WEBSITE TESTER - FREELANCE
Tested the use-cases of websites.
Found bugs in websites.
Use-Case scenarios tested for a given website.

→ PROFESSIONAL & TECHNICAL SKILLS

Android App Dev	Android Native · Flutter · Firebase
Mobile & Web QA	Appium · Selenium · Puppeteer · Jest · Chai/Mocha
Web Dev	React · Firebase · MySQL · PostgreSQL
Designing	Adobe XD · Figma

→ ACADEMIC PROJECTS

Multi-Server Client File Sharing System
Urdu Voice Assistant Application
File Emulation System
Learning Management System
Notepad Editor for Android

MUHAMMAD MOBEEN

Email Address Muhammad Mobeen
LinkedIn profile https://www.linkedin.com/in/muhammad-mobeen-a158ab1b8/

Career Objectives
Self-motivated and dedicated individual with Bachelor's in Software Engineering, Possesses incredible analytical and logical skills, with excellent people skills and ability to work in a diverse team to achieve a common goal.

EDUCATION

2022 BESE National University of Sciences & Technology (NUST)

Achievements

Write Honors and Achivements Here

Community Involvement

With the collaboration of Nust Trekking Club(NTC) and MR Adventures, I and 14 other students, we carried out project Yeh Hai Mera Pakistan. The aim of the project was to clean the litter on hiking trail#3 at margallah hills in Islamabad.

Extra Curricular Activities

WORK EXPERIENCE

01/06/202 30/08/201 Alfabolt

Alfabolt is a software house providing solutions to clients all over the world. During my internship, I worked on building a web platform for the clients of Alfabolt, where they can see the flow of users in their applications. This

PROFESSIONAL & TECHNICAL SKILLS

Field	Technical and Soft Skills
Field	Technical and Soft Skills
Field	Technical and Soft Skills
Field	Technical and Soft Skills

ACADEMIC PROJECTS

Final Year Project:
I am with my teammates working on building a data analytics platform. It is a web-based SaaS(Software as a Service) Platform.. In our platform, our clients can see the trend and the path followed by users in their applications.

Mariam Batool

Email Address mariammalik.mb462@gmail.com
LinkedIn profile https://www.linkedin.com/in/mariam-batool-4739a1174?lipi=urn%3Ali%3Apage%3Ad_

Career Objectives
A motivated individual, desirous to find a job position as a Software Developer to apply my exceptional skills to the advantage of the company while having the scope to develop my own skills.

EDUCATION

2022	Bachelor's o	National University of Sciences and Technology, H-12 Camp
2018	Intermediate	Fauji Foundation College for Girls, New Lalalzar, Rawalpindi
2016	Matriculation	Federal Government Girls High School, No.1, Chaklala Cantt

Achievements

MTA: Introduction to programming using Python - Certified 2020

Community Involvement

Ramadan Ration Drive in collaboration with Alkhidmat Foundation

Extra Curricular Activities

NUST ACM Student Chapter - Executive Decor
September 2019 - June 2020
TABA Youth Chapter NUST - Executive Decor
September 2020 - June 2021

WORK EXPERIENCE

September October 2(Sunbeams School System, Islamabad

Front-end and Database Developer Intern
• Worked in a team to create and maintain a database for School Management System

From To Organization

Brief summary of key responsibilities - work / research experience

PROFESSIONAL & TECHNICAL SKILLS

Mobile Application D	React Native, Java
Web Development	MERN, HTML, CSS, Javascript
Machine Learning	Python
Database Developm	SQL, MongoDB

ACADEMIC PROJECTS

RecipeBot - Final Year Project
• RecipeBot is a React-native mobile application with an intelligent bot using Dialog Flow to help the user throughout the cooking process using speech recognition.
Hospital Management System
• A hospital management web application using HTML, CSS, PHP, PHPMyAdmin, xampp

Ahsan Ali

Email Address mr.ahsanali2000@gmail.com
LinkedIn profile https://www.linkedin.com/in/ahsan-ali-772385199/

Career Objectives

Innovative and scientifically rigorous recent Software Engineering graduate, with a strong foundation in web, and full-stack development. Possess great passion for Artificial Intelligence with comprehensive knowledge on machine learning concepts and other related technologies. Along with these technical skills, I possess outstanding interpersonal abilities to create and maintain good professional connections with coworkers and clients.

Achievements

INTRODUCTION TO TENSORFLOW FOR ARTIFICIAL INTELLIGENCE, MACHINE LEARNING, AND DEEP LEARNING – Deeplearning.ai

WEB APPLICATION TECHNOLOGIES AND DJANGO – University of Michigan

Community Involvement

Yeh h Mera Pakistan - Cleanliness drives on Islamabad trail 3 and its sub-trails. Collected liter and disposed in garbage preserving the beauty of Pakistan

Project Insaniyat(Humanity) - Collected donations and arranged a food stall and all revenue was used to help people in slum areas.

Extra Curricular Activities

- Singer & Guitarist
- Trevel a lot almost covered all nothern areas of pakistan
- Play cricket, badminton and volleyball also a part of these teams in different tournaments at my university

EDUCATION

2022	Software Eng	National University of Science and Technology(NUST)
2018	FSc	Superior College Mandibahauddin
2017	Matric	Govt. High school Mandibahauddin

WORK EXPERIENCE

1/7/2021 30/9/2021 TIKITO

Tikito aims to provide a platform where anybody can get their QR code generated event tickets sold. During my internship tenure I worked on all parts of system which include developing server side application REST APIs using ExpressJs, adding new features in to the web application using VueJs and

01/06/2019 30/09/201 ZETA TECHNOLOGIES PVT LIMITED

Zeta Technologies with leading collaborations, highly qualified engineers, human resource and professional management is an IT/Telecom, state of the art technical solution provider company with a focus on providing quality, high-end network infrastructures for both home and commercial purposes.

PROFESSIONAL & TECHNICAL SKILLS

Backend Developer	Django & ExpressJs
Frontend Web	VueJs & ReactJs
WeB Automation	Selenium
ML/AI	scikit learn & Tensorflow

ACADEMIC PROJECTS

Worked on projects from different domains. Starting from python with Tkinter GUI, implementation of data structures, design patterns and algorithms upto developing websites with complex backend and ML models. Currently I am working on contributing to an open-source code as my final year project named "Akaunting"

Hassan Khalid Butt

Email Address hbutt877877@gmail.com
LinkedIn profile hassan-khalid-butt

Career Objectives

Motivated Software Engineer from National University of Sciences and Technology with work experience in machine learning and web development. Seeking to learn new skills and grow professionally as well as personally.

Achievements

Telenor AppCon second postition, 2021

Community Involvement

Community Service NUST

Extra Curricular Activities

Football
Basketball
Swimming
Music
Reading

EDUCATION

2022	BESE	NUST, Islamabad
2018	ICS	Superior College Sambrial
2016	Matric	Allied School Sambrial

WORK EXPERIENCE

Aug, 2020 Present PUBLIC New York City (Remote)

Developed the backend of a customised web app using ML and RESTful services. Worked on many technologies like Text Classification, Clustering, Sentiment Analysis, Emotion Analysis, Semantic Similarity. Deployed on Azure.

July, 2021 Aug 2021 Easypaisa Islamabad

Learned the enterprise level software development and deployment. Worked on devising new anti-fraudulent measures. Learned new technologies like Java Spring Framework and PostgreSQL.

PROFESSIONAL & TECHNICAL SKILLS

Web Development	Flask, Django
Machine Learning	TensorFlow, Keras, Scikit-Learn
Database	MySQL, PostgreSQL, Firebase, MongoDB
Server	AWS, Azure

ACADEMIC PROJECTS

Virtual Shirt Try-On, Final Year Project, Using computer vision (GANs with PyTorch) to warp the product image on customer's body.
Clozet, Semester Project, Use web scraping to aggregate data of all major apparels and shoes stores on a single platform.

HAMID AYUB

Email Address hamidayb123@gmail.com
LinkedIn profile https://www.linkedin.com/in/hamidayubdev/LinkedIn ID

Career Objectives

To utilize opportunities effectively for the betterment of my professional growth and to contribute in a best possible way for the development of organization.

EDUCATION

2022	BS	NUST Islamabad
2018	ICS	FG Degree College, Okara Cantt
2016	Matric	APS Okara Cantt

Achievements

Winner of FGEIS Software Competition, Multan Region

WORK EXPERIENCE

Sep, 2021 Nov, 2021 Codistan

Worked as a full stack developer and play a part in 2 websites and also worked with am4charts.

June 2021 July 2021 PEL

Gain some experience in database management.

Community Involvement

Treasurer NFC NUST

Director Finance at Nou e Insaaniyat (a fund raising team for needy people)

PROFESSIONAL & TECHNICAL SKILLS

ReactJS	MongoDB
NodeJS	MySQL
Python	HTML5
Java	CSS3, Bootstrap, Tailwind

Extra Curricular Activities

Badminton

ACADEMIC PROJECTS

Our FYP is a iCall which is a real time incident reporting platform where users can directly complaint crimes to police or can call ambulance in case of accidents.

Danish Khan

Email Address danishkhand24@gmail.com
LinkedIn profile https://www.linkedin.com/in/danishkprison/

Career Objectives

Software Engineer with a primary focus but not limited to Flutter. With experience in developing applications for corporate clients to research institutes I have developed a smart working temperament with a can-do attitude and am inclined towards automation of anything possible. I possess good imagination and always have ideas regarding the solution to a problem of any level. My goal is to work with bleeding-edge future technologies and to strengthen my social network.

EDUCATION

2022	Software En	National University of Science and Technology, Islamabad
2018	ICS	Forman Christian College, Lahore
2016	Matric	Al-Noor High School, Lahore

Achievements

Level 1 Seller - Fiverr

WORK EXPERIENCE

Feb 2022 Jun 2022 IoT Lab, SEECS

Research Assistant for Smart Parking System, and Smart Crop Health Monitoring.

Mar 2022 Current DevSinc

Associate Software Engineer

Community Involvement

Office Bearer - ACM NUST

Organizing Commitee member of Google DevFest 2019, 2021

PROFESSIONAL & TECHNICAL SKILLS

Mobile App Dev	Flutter and Dart
Web App Dev	React
Microcontroller	Raspberry Pi, NodeMCU Programming (C, C++)
Event Management	Treasurer ACM NUST

Extra Curricular Activities

Gym
Swimming
Video-gaming
Skateboarding

ACADEMIC PROJECTS

O"Mess - Mess Management System
LinkDownloader - Download Manager
Memento - Event Reminder App

Muhammad Deedahwar Mazhar Qureshi

Email Address: mqureshi.bese18seecs@seecs.edu.pk
LinkedIn profile: https://www.linkedin.com/in/muhammad-deedahwar-mazhar-qureshi-992936220/?orig

Career Objectives

Hey there. I'm Deedahwar, a Senior Year Undergraduate of Software Engineering at NUST and ever since I can remember, I've been intrigued by the rapid advancements in technology and that was the main reason why I chose to become a Software Engineer. My major interests lie around the field of Artificial Intelligence and Machine Learning where I'm also currently involved in a research project at my university. Developing Neural Networks and using Regression/Clustering to predict and analyze data and replicating humanistic behavior in machines has always resonated with me.

EDUCATION

2022	BESE	SEECS-NUST
2018	F.Sc	Cadet College Hasanabdal

Achievements

Twice Published in International Journals and Conferences.
2x Runner Up at CrossFire E-Gaming FIFA Open 2021, 2022.
2nd Best Debator in High School.
Best Speaker, Outstanding Diplomat and Honorary Mentions at various MUN events.

Community Involvement

81 hours of certified community service at Akhuwat, Karwan-i-Falah, AFIRM, WWF-P and Pakistan Red Crescent Society.
120+ hours of uncertified community service at AMF Orphanage, Naz Foundation, organization of iftaar at local mosque from 2017-2020 and organization of minority recognition festival at hasanabdal in 2016 and 2017.

Extra Curricular Activities

Research
Reading
Writing
Sports
Philosophy
History

WORK EXPERIENCE

03/2022   Current   Rapidev Ltd

Working as a Systems Integration Intern where I am responsible for dealing with the integration of various systems using IoT technologies and protocols. I am currently dealing with developing an API for integration of 3rd Party Systems.

03/2021   Current   SEECS-NUST

As a research assistant, I have worked on multiple projects related to Machine/Deep Learning. I have worked on classification of ECG signals, identification of wheat rust disease and clustering of forestation potential. I have made 2 publications here as well.

PROFESSIONAL & TECHNICAL SKILLS

Software Engg	Machine Learning.
Software Engg	Data Analytics
Software Engg	Web Development/ REST APIs
Communication	Excellent Spoken Skills

ACADEMIC PROJECTS

Analysis of Reforestation Potential in Pakistan Using Satellite Images and Machine Learning
Multiclass Heartbeat Classification using ECG Signals and CNNs

---

Eesha Arif

Email Address: earif.bese18seecs@seecs.edu.pk
LinkedIn profile: https://www.linkedin.com/in/eesha-arif-a9084616b

Career Objectives

To bring value and my input on the table and to the organization. To learn, get more knowledge and to grow, both as an individual and in my domain by standardizing honesty, cooperation and commitment to responsibility

Check this Link for complete Resume

EDUCATION

2022	BESE	SEECS, NUST, Islamabad, Pakistan
2021	Diploma	(Project Management) PDC-NUST
2018	FSC-PreEng	Fazaia Degree College, MRF, Kamra

Achievements

One of Six students (only woman) selected in Pakistan in GSoC '2.

Co-Founder and COO of Tuamify; A product based company that aims to bring food restaurant's online Microsoft Learn Student Ambassador 08/2020 - 05/2022

Selected in Arbisoft and Turing

Community Involvement

Millennium Fellow'2020: A semester-long international leadership development program in collaboration with the United Nations Academic Impact and MCN. Worked on 'SparkCareers' where students connect at one place providing an access to information regarding career choices in the country

Global Admissions Committee MCN 05/2021 – 09/2021

Extra Curricular Activities

Joint Secretary ACM NUST STUDENT CHAPTER 05/2020 - 07/2022
Projects Lead Google Developers Student Club 10/2020 – 07/2021
Campus Ambassador Roamer 02/2020 – 04/2020

Management Committee: devFest'22, devFest'19, SDG Hackathon'19, MLH Local Hack Day and more

WORK EXPERIENCE

05/2021   08/2021   Google Summer of Code (GSoC) - Oppia

Identified code smells, fixed errors, refactored code collaborating with professional software engineers to make the codebase robust
Enabled Typescript Strict Checks in 240+ Angular2 Files and performed Release Testing for two months.

08/2020   09/2020   Afiniti

Vigilantly tested the routing software being developed at Afiniti. Carried out black box testing and provided feedback
Reported bugs and errors occurring on the use of the software

PROFESSIONAL & TECHNICAL SKILLS

SoftwareEngineering	Flutter, Angular2+, React, Frontend Technologies
UI/UX Design	(UI/UX Specialization) Adobe XD, Detail Oriented
Project Management	Product/Project Management, Asana, MS Excel, Jira
Soft Skills	Proactive, Accountable, QuickLearner

ACADEMIC PROJECTS

CryptoCash: A digital wallet to enable instant digital payments and transfers through fiat and cryptocurrencies. Build on Flutter, GraphQL, Hasura, Web3 and blockchain.
Tuamify: A food ordering mobile application built on Flutter and GraphQL.
ArFlexe: An Android Application showcasing the use of Augmented Reality in the Furniture and Education Industry by using Google's ARCore.

Fahad Imran

Email Address fimran.bese18seecs@seecs.edu.pk
LinkedIn profile https://www.linkedin.com/in/fahad-imran-17b71323a

Career Objectives
Software engineer with a knack for coding and web development. Eager to experiment with new technologies and architect robust software solutions. Looking to hone my skills as a frontend engineer while also exploring other domains like cross-platform mobile development and DevOps.

Achievements

Telenor AppCon'21
- Amongst top 5 finalists

Digital Hackfair by Telenor Velocity and Google
- Amongst the finalists

Community Involvement

Helping Hands
- Community service project for empowering students in the field of IT

Extra Curricular Activities

Football
Table Tennis

EDUCATION

2022	Bachelors	NUST Software Engineering
2018	HSSC	Fauji Foundation College for Boys (Pre-Engineering)
2016	SSC	Siddeeq Public School Rawalpindi

WORK EXPERIENCE

May 2020   Present   Software Engineering Fellow NESCOM

- Working on a real-time facial recognition system as part of my FYP.
- Responsible for developing a admin portal and mobile app for the system.
- Performing formal verification of the system using Uppaal.

Oct 2021   Nov 2021   Remote Frontend Developer - Tuamify

- Worked as a frontend developer for a US based startup.
- Technologies used: Next js, JavaScript, Bootstrap 5.

PROFESSIONAL & TECHNICAL SKILLS

Frontend Dev	HTML, CSS, JS, React.js/Next.js, Bootstrap, Tailwind
Backend Dev	Node.js(Express), Flask, PostgreSQL, MongoDB
DevOps	Neltify, Heroku, Vercel, GitHub Actions
Interpersonal	Blogging, Communication, Writing

ACADEMIC PROJECTS

Hawk-Eye I Real-time facial recognition system

Real-time system that detects and recognizes any suspicious person from a centralized database and generates alerts on web portal and mobile app.
Technologies used: React js, Tailwind CSS, Flask, PostgreSQL, Flutter.

Fatima Khan

Email Address fatimakhan1004@gmail.com
LinkedIn profile https://www.linkedin.com/in/fatima-khan-43b465228/

Career Objectives
I am a hard working, self-motivated software engineer. I am looking for a role that will challenge me and provide me with an opportunity to make good use of my skills and education

Achievements

Community Involvement

Volunteered with Chadar in Project HOPE.
Volunteered & collected donations for installation of UPS at BRINGING SMILES WELFARE SCHOOL.

Extra Curricular Activities

Sports-Badminton
Reading

EDUCATION

2022	BE Software	School of Electrical Engineering & Computer Science,NUST
2017	FSC	Fazaia Degree college MRF
2015	Matriculation	Fazaia Degree college MRF

WORK EXPERIENCE

PROFESSIONAL & TECHNICAL SKILLS

Programming	Python ,Javascript
Mobile App Dev	Java,Android, Firebase,Android Studio
Website Dev	HTML,CSS,PHP & MYSQL
Soft Skills	Problem solving,Time management & Creativity

ACADEMIC PROJECTS

Bluetooth Based Contact Tracing Application for COVID-19 (07/2021 - 05/2022)
Voyage- Travel Website (09/2020 - 10/2020)
Modelling & Simulation of Smart Oven Using Uppaal Model Checker
Ethics in Software Engineering- Research based Project (10/2020 - 11/2020)

GHAZALA BIBI

Email Address gbibi.bese18seecs@seecs.edu.pk
LinkedIn profile https://www.linkedin.com/in/ghazala-bibi/

Career Objectives

A Software Engineering student with outdo amount of curiosity for learning new technologies and Imagination for building cool stuff out of it. Passionate about web designing, web development and Software testing. An analytical thinker and motivated team player seeking a career in a reputed and prestigious IT Company.

EDUCATION

2022	BESE	NUST, H12 Campus Islamabad
2018	FSC	Punjab College, Rawalpindi
2016	Matric	IMCG, Islamabad

Achievements
Merit Scholarship Holder in College
Volunteer at GDG Cloud Islamabad
Volunteer at SDG Hackathon

Community Involvement
Senior Volunteer at The Citizens Foundation(TCF) - Summer Camp 2019

Extra Curricular Activities
Team Lead HR at NUST ACM Student Chapter
Executive HR at NUST ACM Student Chapter
Executive Finance at NUST Student Government Association
Executive Admin Events at NUST Adventure Club

WORK EXPERIENCE

Apr,2022   Present   Flower Station(UK Based Company)

Designed UI for their web application.
Developed frontend of the website using HTML, CSS and JS.

June,2021 Aug,2021   abcData(pvt) Ltd.

Designed UI for the web application in accordance with the client's demands.
Developed frontend of the website using React and MaterialUI. Worked with restful API to fetch data

PROFESSIONAL & TECHNICAL SKILLS

HTML/CSS/JS	Software Development
Python/C++/Java	Software Testing
React JS	Problem Solving/Algorithms, Solution Oriented
MaterialUI/Bootstrap	Leadership, Quick Learner, Communication

ACADEMIC PROJECTS

FINAL YEAR PROJECT TRAINEE - NUST
Developing wireframes, UI/UX design for the website on Figma.
Coding the website in React and material UI.
Providing optimal solution with a web application for social media handlers

HAMZA AMJAD

Email Address hamjad.bese18seecs@seecs.edu.pk
LinkedIn profile https://www.linkedin.com/in/hamzaamjad699/

Career Objectives

- utilize logical thinking skills and programming expertise to provide the company with excellent software solutions.
- interested in developing intuitive, usable, and engaging interactions and visual digital designs across the web and mobile platforms
- approach towards my experience to serve in the best interest of the organization and surpass its goals along with my professional growth and career establishment.

EDUCATION

2022	Software Eng	National University of Science & Technology Islamabad
2018	Intermediate	Punjab College of Science, Faisalabad
2016	Matric	Blessing Home High School, Al-Masoom Town, Faisalabad

Achievements
- Ranked among the top 30 in 2020-21 and among the top 50 in 2021-22 Huawei ICT Middle East Competition
- Received full academic scholarship NUST (2018-2022)
- Received 50% academic merit scholarship based on matric result PGC (2016-2018)
- Received laptop under Shehbaz Sharif Youth Laptop Program

Community Involvement
- Published a research on Masood Textile Mills
- HCIA-AI Certified (Huawei)
- Fundamentals of Digital Marketing (Google Garage)
- Certified Microsoft Innovative Educator (Microsoft)
- Certified MTA: Introduction to Programming using Python (Microsoft)
-

Extra Curricular Activities
- Executive Marketing at NUST ACM
- Volunteer at Baseerat Foundation
- Brand Campus Ambassador of Roamer Car Rental App
- Volunteer at Ideas Foundation
- Executive Marketing at NUST Cyber Security Club
- Director Marketing at YES-NUST

WORK EXPERIENCE

Nov 2021   Feb 2022   Directorate ICT QALAM NUST

- Worked on projects that targeted in finding bugs in different modules.
- Generated the requirement document specifying specifications.
- Engaged with customers to collect requirements.

June 2021 Aug 2021   PepsiCo RoshanKal & Kamyab Jawan

- Assignments: Research-based projects varying from topics such as analyzing consumer buying trends, technology solutions for the new normal and learning about organization culture and processes.
- Skills development: focused on bringing out my creativity, innovation and

PROFESSIONAL & TECHNICAL SKILLS

Programming	Python, Java, C++ with problem solving skills
ML & AI	DL, NLP, and NN architecture with intuitive problem solving
SQA Engineer	Technical documentation, Testing, Requirement Gathering
Web Development	HTML,CSS,JavaScript,JSON,AJAX,PHP,React JS,Laravel

ACADEMIC PROJECTS

1. Mad Finanger: An operating system based file management system
2. John Hopkins Dashboard: Interacted with dataset to extract the insights of rapid growth of COVID-19 over 150 different countries using data analytics
3. Hospital Emergency System: A system that helps the patients during the emergency case and unavailability of doctor

Hassan Javaid

Email Address hassanjavaid5474@gmail.com
LinkedIn profile https://www.linkedin.com/in/hassan-javaid-tarar
Career Objectives
A self-motivated and highly organized individual seeking a challenging career to fully utilize my training, knowledge, and skills, while making a significant contribution to the success of the hiring body.

Achievements

District Topper at Chairman Talent Award held by Superior Group of Colleges (Year:2016).

General Sports Trophy Winner held at Punjab Group of Colleges Hafizabad.

Best Student Award achiever at Crescent Public School.

Community Involvement

Cleaniness drives on Islamabad trail 3 and its sub-trails. Collected liter and disposed in garbage preserving the beauty of Pakistan

Extra Curricular Activities

DIRECTOR SOCIAL MEDIA MARKETING SGA Islamabad / DEC 2020

TEAM MEMBER HR NUST SCIENCE SOCIETY Islamabad / FEB 2021

TEAM MEMBER ADMIN EVENTS NUST LITERARY FESTIVAL MAY 2020

→ EDUCATION

2022	Software Eng	National University of Science and Technology(NUST)
2018	FSc	Pubjab College Hafizabad
2017	Matric	Crescent Public School

→ WORK EXPERIENCE

1/5/2021   30/7/2021 Web Developer

FlairsTech is an IT and Software services company operating from 5 offices on three 3 continents, serving more than 70 global corporations.

01/06/2019 Current   Digital Hafizabad

A personal project aimed to digitilize my city, Hafizabad.

→ PROFESSIONAL & TECHNICAL SKILLS

Programming	Python
Frontend Web	Html, css, Javascript
Management	Project Manager, event moderator, Team Player
Leadership	Great in communication, General Administration

→ ACADEMIC PROJECTS

Worked on many projects during my degree. From simple desktop applications using python upto implementing the complex programming concepts like data structures, design patterns and algorithms. Now I'm working on creating ML model for Virtual T-shirt try-on as my final year project.

Hassan Raza Bukhari

Email Address hbukhari.bese18seecs@seecs.edu.pk
LinkedIn profile linkedin.com/in/syedhassanbukhari
Career Objectives
I am a very passionate Software Engineer with deep interest in DataAnalytics and Machine Learning. I am looking for positions where my effortswill make a difference and help me in growing as a professional.

Achievements

Successful publication in IEEE Access as the first author. The publication is titled "Assessing the Impact of Segmentation on Wheat Stripe Rust Disease Classification Using Computer Vision and Deep Learning"

Community Involvement

Worked with several international level student communities:

Microsoft Learn Student Ambassadors Islamabad as Marketing Team Lead
Google Developers Student Club NUST as Data Science Lead
IEEE SEECS as Vice Chair Publicity

Extra Curricular Activities

Online course instructor on Udemy having over 10,000 students from 137 different countries. Conducted Data Science related workshops for both Microsoft Learn Student Ambassadors and Google Developer Student Clubs. Active contributor on github having contributions with ML4SCI, Google Docs, Jupyter Hub etc.

→ EDUCATION

2016	Matric	Zakariya Public School, Multan
2018	FSc	Britain International College Network, Multan
2022	BESE	National University of Science and Technology, Islamabad

→ WORK EXPERIENCE

Dec 2020   Present   Upwork

Top rated Data Science and Software Engineering freelancer

Apr 2020   Present   Internet of Things (IoT) Lab, SEECS

Machine Learning Engineer and Research Assistant. Responsibilities include doing research work and developing Machine Learning solutions

→ PROFESSIONAL & TECHNICAL SKILLS

Languages	Python, R, C++, Java, Javascript, C
Tools & Libraries	Pandas, Numpy, Matplotlib, Seaborn, Scikit Learn, Keras
Tools & Libraries	PyTorch, Tensorflow, Dplyr, ggplot2, BeautifulSoup
Soft Skills	Insturctor on Udemy, Conducted Workshops

→ ACADEMIC PROJECTS

Worked on AgriVision, which is an automated crop disease scouting system employing technologies like Image Processing, Computer Vision and Internet of Things. It is funded by National Center for Artifcial Intelligence (NCAI) and done in collaboration with Internet of Things (IoT) Lab, SEECS.

Malik Muhammad Idrees

Email Address malikidrees463@gmail.com
LinkedIn profile https://www.linkedin.com/in/malikidrees/
Career Objectives
Highly focused, self-motivated individual with collaborative skills and passion for building web solutions, seeking a position in a reputable company to build softwares that meets the organizational needs and polish my skills and grow as a professional.

Achievements

Front-End Web Development with React (Honors) (Coursera)

Community Involvement

Extra Curricular Activities

- Cricket
- Badminton
- Watching Documentaries
- Book Reading
- Problem Solving

EDUCATION

2022	BESE	National University of Science and Technology (NUST)
2018	FSc	Punjab College Gujrat
2016	Matric	Education House Higher Secondary School

WORK EXPERIENCE

April, 22   Present   National Center of Artificial Intelligence

Developing frontend interfaces for AI tools such as speech annotator.
Daily maintenance of code, debugging issues and solving problems.

PROFESSIONAL & TECHNICAL SKILLS

Frontend	React	Tailwind	CSS
Back-end	Node js	Express	Django
Soft skills	Problem Solving	Teamwork	Self-motivated
Other	Docker	Git	GitHub	MERN	

ACADEMIC PROJECTS

Multi Server Downloader | Python
Ecommerce Store | MERN
Management System | Java
Blog | PHP

LARAIB ARJAMAND

Email Address laraibarjamand@gmail.com
LinkedIn profile www.linkedin.com/in/laraibarjamand
Career Objectives
A Software Engineering Student with a keen interest in Deep Learning and Data Science with good interpersonal and communication skills. My goal is to provide optimal solutions to real world problems while working in a professional environment.

Achievements

- DeepLearning.AI TensorFlow Developer Specialization (09/2020)

- Neural Networks and Deep Learning (12/2020)

- Introduction to TensorFlow for Artificial Intelligence, Machine Learning, and Deep Learning (06/2020

Community Involvement

- Volunteered service for children in SOS village in a visit arranged by Chaddar, NUST Chapter

- Volunteered as an HR for the project 'Sponsor a Child' by TABA Youth Chapter(NUST), aimed at sponsoring education of orphan children

Extra Curricular Activities

- Executive of TABA Youth Chapter NUST
- Worked as an Orientation Guide for the batch of 2019 NUST

EDUCATION

2022	BESE	National University of Sciences and Technology, Islamabad
2018	F.Sc	Punjab College for Women, Sargodha
2016	Matric	The Educators School, Bhera

WORK EXPERIENCE

10/2020   Present   Fiverr

Level One Seller - Worked on Machine Learning, Data Science and Web Development projects using python as the major language.

7/2021   8/2021   PTCL Skill Based Internship - IT Intern
- Database Management and Data Entry tasks
- Learned to work in team and a practical corporate environment

PROFESSIONAL & TECHNICAL SKILLS

Machine Learning	Python, Tensorflow, Keras
Data Science	Python, Pandas, Numpy, Matplotlib
Web Development	Python Web Frameworks (Django and Flask)
Soft Skills	Teamwork, Time management, Communication

ACADEMIC PROJECTS

- Facial Landmark Detection program written in python using OpenCV and dlib.
- Keras Deep Learning Image Classifier with a Web Interface developed in Django.
- FIne Tuned yolov5 on custom dataset to make predictions.
- MailEx - Deep Learning based Information Extraction Tool

MARYAM ZAFAR

Email Address	maryamzafar296@gmail.com
LinkedIn profile	maryamzafar296
Career Objectives	

A final year software engineering student with a keen interest in full-stack development, seeking opportunities to work and excel in a fast growing software company that demands innovation and creativity.

Achievements

Microsoft Cerified Technology Associate (Security Fundamentals)

Microsoft Certified Technology Associate (Database Administration)

Community Involvement

- Raised funds and conducted a ration drive for 25 underprivileged families.

- Conducted digital training workshops for children as part of community service project.

Extra Curricular Activities

- Assisted in organizing fundraising events for non-profit organizations.

→ EDUCATION

2022	BESE	SEECS, NUST
2018	FSC	Fauji Foundation College
2016	Matric	Army Public School, Fort Road

→ WORK EXPERIENCE

07/2021   08/2021   PAK ELEKTRON LIMITED (PEL)

- Assisted with the development of an online inventory management system
- Collaborated with other interns on database projects to meet program requirements

04/2022   Present   Devsinc

- Design, develop and install software solutions (particularly full stack web applications) using Ruby on Rails.

→ PROFESSIONAL & TECHNICAL SKILLS

Web Development	CSS,Bootstrap,JS, React JS,MongoDB,ROR
UI/UX	Figma

→ ACADEMIC PROJECTS

1. 1122-AI: An artificially intelligent emergency chatbot developed using IBM Watson that provides emergency assistance to users via a mobile application and aids emergency responders via a web dashboard.
2. Full Stack E-commerce Application: Developed using the MERN Stack. Includes payment gateway integration and a dashboard for sales anlaytics.

Maaz Bin Tahir

Email Address	maazbintahirsaeed@gmail.com
LinkedIn profile	https://www.linkedin.com/in/maaz-bin-tahir/
Career Objectives	

I am passionate about learning latest technologies and discussing software designs, love contributing to open source at GitHub, and currently exploring software project management, building pipelines and improving processes.

I have more than 3 years of experience in software development as a full stack developer focused on backend, frontend and devops engineering.

Achievements

Graduating with 3 years of professional experience working in startups.

Led a team of 5 members to plan and manage product deliveries.

Built a startup that received more than 20K+ USD as investment.

Community Involvement

Led a group of 12 students to locate deserving members of the component and helped them find sustainable sources of income.

Delivered coding lectures at high school to more than 100+ students.

Involved with the local entrepreneurial chapters to inculcate the spirit of entrepreneurship among the youth.

Extra Curricular Activities

I love adventures, and have made it a habit to hiking at least once a month.

In my free time, I explore and love exploring ideas by building products. I also keep myself up-to-date with the startup happenings around the world.

Always ready to change in my sporting gear and play badminton.

→ EDUCATION

2022	BESE	National University of Sciences and Technology (3.89/4)
2018	FSc	The Oxford College
2016	Matric	The Oxford Education System

→ WORK EXPERIENCE

May 2021   Present   Tuamify

Using Hasura as the GraphQL endpoint and Django for REST microservices such as authentication, handling events, triggers and scheduling CRON jobs, I was responsible for managing the backend and data modelling.

Mar 2020   May 2021   Major League Hacking, Inc.

Made significant open source contributions, notable ones being writing an asynchronous HTTP parser for Flask, the API development library used by millions of developers around the world.

→ PROFESSIONAL & TECHNICAL SKILLS

Backend	Django, Flask, Hasura, Python, JavaScript, Caddy
Frontend	Angular, React, Flutter
DevOps	Containerising applications using Docker and Kubernetes
Cloud	Amazon Web Services, Google Cloud, Digital Ocean

→ ACADEMIC PROJECTS

Final Year Project:

CryptoCash allows its users to go cashless by enabling instant transfers with digital payments and making investments accessible through cryptocurrency.

Ammaar Junaid

Email Address: ajabbasi117@gmail.com
LinkedIn profile: https://www.linkedin.com/in/ammar-junaid-/

Career Objectives
I aspire to be a Product Designer knowledgeable in all aspects of product design from research, management, design, prototyping and user testing.

→ EDUCATION

| 2022 | BESE | SEECS, NUST H-12, Islamabad |

Achievements

Top 10% of designers worldwide
- Figma Skill Test by Uxcel

Top 1% of designers worldwide
- Verified Designer by Uxcel

Community Involvement

Top 10 out of 150
- Telenor Hackathon 2020

Top 5
- AppCon by Easypaisa 2020

→ WORK EXPERIENCE

Aug 2021   Oct 2021   Safeloud

Created user-centered designs for their personnel safety mobile application. Tasks consisted of user-flow diagramming, wireframing, visual designing & interactive prototyping.

Aug 2021   Present   Tuamify

Designing a complete suite of applications for mobile, web and desktop platforms. Included user research, brand design, visual design, UX design, design systems & end-to-end prototyping.

→ PROFESSIONAL & TECHNICAL SKILLS

UX Research	User Flows, Wireframing, UX Writing, Usability Testing
Design	UI Design, Iconography, Motion Design, Design Systems
Tools	Figma, Adobe XD, Adobe Suite, Protopie, Spline

Extra Curricular Activities

Product Designing
Branding Strategy
Marketing
Sports
Health & Nutrition

→ ACADEMIC PROJECTS

Final Year Project | Sahulat - A Pakistan Focused Smart Social Portal connecting Citizens and Governing Bodies

Semester Project for OSS | Bibliophile - A Book Donation App

MARIAM ALI

Email Address: mali.bese18seecs@seecs.edu.pk
LinkedIn profile: LinkedIn IDwww.linkedin.com/in/mariam-ali-02889423a

Career Objectives
To seek a fresher position in a dynamic and progressive tech company offering technical skills in field of web development, database management, deep learning, and computer vision
To pursue career in software development applying solid knowledge of concepts including data structures and object-oriented designs.
Incorporate my software expertise with communication skills to grow as a Software Engineer

→ EDUCATION

2022	BESE	SEECS, NUST Islamabad
2018	FSC	Fazaia Degree College ARF Kamra
2016	MATRIC	Govt.Girls Higher Secondary School ARF Kamra

Achievements

Certification of French Language Course-Level 1
Completed Internship at Techlogix
Final Year Project on OpenCV, Yolov3/4, Streamlit-Obtained

Community Involvement

Community Service Learning Project: Installation of UPS at Bringing Smiles Welfare School
Community Service Learning Project Hope: Conduction of activities at orphanage house
Donations to Chaddar
Visit to SOS Children's Village

→ WORK EXPERIENCE

July,2019   Aug,2019   Techlogix (Pvt), Islamabad

I have worked in one of the esteemed organizations of Pakistan,Techlogix (Pvt) with their Software development team to develop and provide software solution based on innovation and technology for their clients

July,2020   Present   Freelancing

I have acquired diversified spectrum of skills through the completion of small database projects, software project management, software design requirements, and coding assignments in Python, Java and C++

→ PROFESSIONAL & TECHNICAL SKILLS

Web Development	PHP, HTML, CSS, React, JavaScript with SQL
Computer Vision	Pyhton, TensorFlow,OpenCV and Yolo
OOP	Java and C++
Data Science	Apprehension of Data Structures and Algorithms

Extra Curricular Activities

Participation in Debate Competitions at District Level: Second Affirmative
Participation in Girls Cricket Tournament of Sports Gala, SEECS
Team Member of ACM-Women Council, 2020

→ ACADEMIC PROJECTS

Self Food Ordering Desktop Application, Back-end of Voyage (Travelling website) and HPMS (Hospital Pharmacy Management System web portal), IOT projecta- Embeded systems for Human pulse rate monitoring and distance detection

Minahial Khalid

Email Address minahilkiani@outlook.com
LinkedIn profile www.linkedin.com/in/minahialkhalid

Career Objectives

To grow as an Engineer, I will apply my extensive educational background, talents earned in numerous domains of Software Engineering ranging from design and development to testing, as well as great analytical, technical, and problem-solving skills.

EDUCATION

Year	Degree	Institution
2022	Bachelors in	National University of Sciences and Technology
2018	HSSC	Army Public School And College System
2016	SSC	Army Public School And College System

Achievements

GPA Based Scholarship in NUST

WORK EXPERIENCE

03/2021   Present   CEO, IMECHA

Launched a business selling custom hand painted khussa shoes online.
Increased profit margin from 35% to almost 60% within 3 months.
Recorded average sales of 55 per month during summers and 18 during winters.
500+ sales recorded till date in a very competitive market.

08/2021   11/2021   ICT INTERN, PTA

Working at this startup, I with my team, developed a complete WordPress multi-vendor marketplace website for OvenDiaries.

Community Involvement

Co-founded-Ruyah foundation providing financial help to the youth making their dreams of education a reality.

Project Insnaniyat at SEECS - to help slum children get quality education

WWF Digital EcoInternship - 40 hours of community service, digital advocacy campaign for eco-tourism

Extra Curricular Activities

GOOGLE DEVELOPERS' STUDENT CLUB - Women in Tech Lead
SEECS STUDENT GOVERNMENT ASSOCIATION - Director Admin Events
NUST COMMUNITY SERVICE CLUB - Social Media Manager

PROFESSIONAL & TECHNICAL SKILLS

Mobile Development	Flutter, Android Studio
Web Development	Full stack development(HTML, CSS, JS, React)
UI/UX	Figma, Adobe XD
Machine Learning	Building machine learning and data mining models - Python

ACADEMIC PROJECTS

-TESTIFY(FYP) a self assessment application with a consolidated test pool helping students prepare for USMLE exam. Using data analytics the mobile application fills the gaps in deployed solutions
CLICKBAIT DETECTION
A comparative analysis between various machine learning models to detect exaggerated and clickbait news.

Muhammad Mobeen

Email Address mobeen.mobeen777@gmail.com
LinkedIn profile https://www.linkedin.com/in/muhammad-mobeen-a158ab1b8/

Career Objectives

Self-motivated and dedicated individual with Bachelor's in Software Engineering, Possesses incredible analytical and logical skills, with excellent people skills and ability to work in a diverse team to achieve a common goal.

EDUCATION

Year	Degree	Institution
2022	BESE	National University of Sciences & Technology (NUST)
2017	Fsc	Punjab College Faisalabad

Achievements

Write Honors and Achivements Here

WORK EXPERIENCE

01/06/21   30/08/21   Alfabolt

Alfabolt is a software house providing solutions to clients all over the world. During my internship, I worked on building a web platform for the clients of Alfabolt, where they can see the flow of users in their applications.

01/10/21   Present   Fiverr

Completed many projects with clients all over the world majorly in the field of Back-End Web development, Data Preprocessing and Machine Learning.

Community Involvement

Yeh Hai Mera Pakistan:
With the collaboration of Nust Trekking Club(NTC) and MR Adventures, I and 14 other students, we carried out project Yeh Hai Mera Pakistan. The aim of the project was to clean the litter on hiking trail#3 at margallah hills in Islamabad.

Extra Curricular Activities

AI Conference (11/2021)
Part of Organizing team. We have arranged dierent tec workshops and seminars along with the social events

PROFESSIONAL & TECHNICAL SKILLS

CS	Python
Database	Relational Database(Mysql, Postgres)
CS	Javascript
Version Control	Git & GitHub

ACADEMIC PROJECTS

Final Year Project: I am with my teammates working on building a data analytics platform. It is a web-based SaaS(Software as a Service) Platform. In our platform, our clients can see the trend and the path followed by users in their applications. It has the following three modules; Funnel analysis, Flow analysis, AHA moment finder.

UZAIR HASSAN

Email Address | uzairhassan1998@gmail.com

Career Objectives

Seeking a challenging position in an organization where I can put my talents and skills to a good use, and grow and expand the organization as well as myself. I'm comitted to constant learning and improvement

Contact Number
03355150215

Community Involvement

Orphanage Visit with Chaddar
Annual Plantation Drive Participation
Volunteered at a Local School

Extra Curricular Activities

Writing
Editing
Photography

→ EDUCATION

Year	Degree	Grade	Institute
2022	BE Software Engineering	3.13	SEECS, NUST, Islamabad
2017	FSc	833/1100	APS, Westridge 3, Rawalpindi
2015	Matric	952/1050	APS, Westridge 3, Rawalpindi

→ PROFESSIONAL & TECHNICAL SKILLS

Tecnical Skills:
Reactjs
Html/css, javascript
C, c++, java and python
Database (mysql)
Machine learning

Soft Skills:
Technical documentation
Quick learner
Problem solving and innovation
Teamwork & collaboration
Punctual and responsible

→ ACADEMIC PROJECTS

An Inventory & Records Management System
A website based on MySQL and PHP\HTML
Trackize App
An android application for location based attendance
Hospital Management System
A Python based system for basic hospital management
Hospital Website:
A medical website based on MySQL, PHP, HTML & CSS

HAMID AYUB

Email Address | muhammadateeb225@gmail.com
LinkedIn profile | https://www.linkedin.com/in/muhammadateeb/

Career Objectives

To utilize opportunities effectively for the betterment of my professional growth and to contribute in a best possible way for the development of organization.

Achievements

A Seasoned Top Level Big Data Engineer on Upwork.

Community Involvement

Finance Executive at Nou e Insaaniyat(a fund raising team for needy people)

Extra Curricular Activities

Football
Watching Documentries
Exploring Political History of Nations.

→ EDUCATION

2022	BE	NUST Islamabad
2018	FSc	Adamjee Gov. Science College Karachi
2016	Matric	Hamdard Public School

→ WORK EXPERIENCE

Sep, 2021 Current   UpWork

Providing Big Data Engineering Services

June 2021 July 2021   PEL

Hands on with designing and delivering enterprise data management solutions

→ PROFESSIONAL & TECHNICAL SKILLS

Hadoop	SQL & No SQL databases
Spark	Kafka
NiFi	Cluster Administration
Data Engineering	Could Services (AWS, GCP)

→ ACADEMIC PROJECTS

Our FYP project is Uni-D Marketing, a one stop solution for digital marketing which aims at integrating Google and Facebook ADs managment platform, providing customers with a wholistic view of thier ADs campaigns.

Muhammad Haris Bin Amir

Email Address mhamir.bese18seecs@seecs.edu.pk

LinkedIn profile https://www.linkedin.com/in/haris-amir-b85a27199/

Career Objectives

Young enterprising individual exploring myself in fields such as Computer Vison and Data Science and looking for opportunities to put my skills to the best use.

EDUCATION

2022	BESE	NUST
2018	A-Levels	Beaconhouse School System
2016	O-Levels	Beaconhouse School System

Achievements

AI For Everyone Deep Learning Coursera Course

WORK EXPERIENCE

06/2021   07/2021   Unique Consulting Firm

Internship as a Web Developer.

Community Involvement

KARIM KHAN AFRIDI WELFARE FOUNDATION (KKAWF) - Internship

Project Yeh h Mera Pakistan aimed to clean the litter on Islamabad's hiking trails

PROFESSIONAL & TECHNICAL SKILLS

Data Analysis	Python / Pandas / NumPy / Seaborn / SK-learn
Machine Learning	Python / TensorFlow / OpenCV / PyTorch
Web Development	HTML / CSS / JS / Laravel / React
Languages & Tools	Python / Java / C++ / PHP

Extra Curricular Activities

Freelancing

SDG HACKATHON 2019

HR Executive at ACM NUST

ACADEMIC PROJECTS

FYP - Open source Akaunting software which will enable its users to perform double entry booking plus have data visualization and sales forecasting features.
TRACKIZE - Location based attendance marking app intended for students and teachers

---
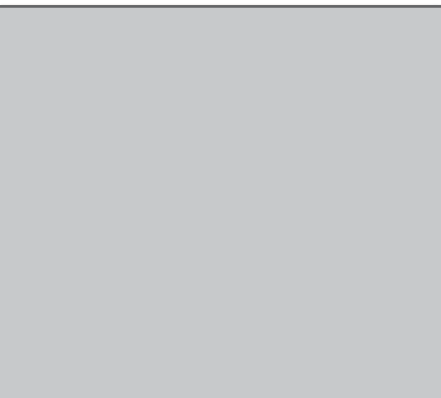
RAMISH AMIR

Email Address ramishamir2750@gmail.com

LinkedIn profile linkedin.com/in/ramish-amir-32235b179

Career Objectives

Dedicated and self-motivated individual with Bachelor's in Software Engineering, desirous to find a suitable position at a reputed organization where I can utilize my extensive knowledge in software design and development, and further polish my technical skills while working with a diverse team that works towards contributing to the company's vision and goals.

EDUCATION

| 2022 | BESE | National University of Sciences and Techonology - SEECS |
| 2018 | Fsc Pre Eng | Air Base Inter College Sargodha |

Achievements

- Participated in Hack ACM 2019.
- Shortlisted among top 5 teams at Easypaisa's AppCon 2020

WORK EXPERIENCE

Aug 2020   Nov 2020   CAD-Chain Solutions

- Virtual internship as Angular Developer for a crypto based website.
- Developed responsive front-end of website.
- Integrated front-end of website with external APIs.

Feb 2021   April 2021 Tarseel

- Created responsive web application using React JS.
- Used third party packages to achieve app functionality.
- Integrated front-end with external APIs.

Community Involvement

- Participated in cleanliness drive on Trail 3, Islamabad.
- Participated in Public Awareness campaign on Hygiene and Cleanliness.

PROFESSIONAL & TECHNICAL SKILLS

Languages	JavaScript, TypeScript, Dart, Python, C#
Web Development	Angular, React JS, HTML/CSS, Bootstrap, jQuery, Node JS
App Development	Flutter, Dart
Game Development	Unity

Extra Curricular Activities

- Problem Solving
- Physical Activities
- Badminton

ACADEMIC PROJECTS

- The Reaper - Horror-survival game for FYP developed in Unity.
- KnctU - Web Application in Angular (TS) according to given design.
- Medical Aid Record System - Record management system for Hospital using Angular and MySQL database.

Bilawal Ahmed

Email Address blwal7057@gmail.com
LinkedIn profile https://www.linkedin.com/in/bilawal-a-916a51127/

Career Objectives

My goal is to make software that creates an impact. I love to work at my own pace. I gain experience with each passing day and each job done as I cannot withstand idling. Always seeking knowledge and pushing my boundaries, I am motivated to always perform my best.

Achievements

Level 2 Seller - Fiverr

Community Involvement

Executive Member of ACM Student Chapter 2019. Member of organizing commitee of GDG DevFest.

Extra Curricular Activities

Tekken Tournament Olympiad 2019 - Semi Finalist
Call of Duty Tournament Olympiad 2019 - Semi Finalist

EDUCATION

2022	Software En	National University of Science and Technology
2018	F.Sc.	Sardar Kaurey Khan College
2016	Matric	Sardar Kaurey Khan School

WORK EXPERIENCE

Feb 2022   Jun 2022   IoT Lab, SEECS

Research Assistant for Smart Parking System, and Smart Crop Health Monitoring.

Mar 2022   Current   DevSinc

Associate Software Engineer

PROFESSIONAL & TECHNICAL SKILLS

Mobile App Dev	Flutter and Dart
Web App Dev	React
Microcontroller	Arduino, NodeMCU Programming (C, C++)
Parallel Computing	CUDA using C++

ACADEMIC PROJECTS

LinkDownloader - Download Manager
O"Mess - Mess Management System

BUSHRA MUQADDAS

Email Address bmuqaddas.bese18seecs@seecs.edu.pk
LinkedIn profile https://www.linkedin.com/in/bushra-muqaddas-557483212/

Career Objectives

To pursue a successful career as a Software Engineer by working in a creative and challenging environment and put my programming skills to good use to contribute to the society.

Achievements

Full Stack Development with React (Coursera)

Microsoft 365 Fundamentals (MS-900)

Community Involvement

Ramadan ration Distribution Drive in collaboration with Al-khidmat Foundation

Extra Curricular Activities

EDUCATION

2022   Bachelor's of Engineering in Software Engineering   NUST (CGPA:3.25)

2018   FSc. Pre-Engineering   Fauji Foundation College for Girls

WORK EXPERIENCE

October 2020 - DECEMBER 2020

(Sunbeams Schools System, Rawalpindi)

Front End Developer Intern

- Worked as Frontend Developer
- Technologies used: Html, CSS, JavaScript.

PROFESSIONAL & TECHNICAL SKILLS

Programming	JavaScript, Python, C++, React, Express, NodeJs
Databases	SQL databases, MongoDB, Firebase
Tech Stack	MERN Stack
Writing Skills	Content Writing, Technical Writing

ACADEMIC PROJECTS

1122-AI (Final Year Project)

- A Voice based AI assisted Emergency Response Chatbot with a mobile application for users and Web Dashboard for Emergency Responders.
- Technologies: NLP, ReactJS, NodeJS, ExpressJS, React Native, MongoDB, IBM Watson.

SAUD KAMRAN

Email Address	skamran.bese18seecs@seecs.edu.pk
LinkedIn profile	https://www.linkedin.com/in/saud-kamran/

Career Objectives

To create impact in industry 4.0,improve the software industry, and end poverty in Pakistan.

→ EDUCATION

2022	BESE	SEECS, NUST
2021	French A1	Alliance Française d'Islamabad
2017	Advanced Levels	Roots College International, Millennium Campus

Achievements

Won 2nd Prize at Easypaisa AppCon 2020.

→ WORK EXPERIENCE

Jun 2021   Aug 2021   Easypaisa

Built 3 APIs using Java Spring Boot, tested on Postman, and Deployed to Azure Servers to cater to thousands of users

May 2021   May 2022   Rapid à la Mode Craze Scrutinizer

Unlocked cardinal trends taking place on social media, and analyzed the public's opinion on certain topics

Community Involvement

Promoted Clean and Green Pakistan.
Pioneered Litter Awareness Campaign.

→ PROFESSIONAL & TECHNICAL SKILLS

Data Warehousing & Data Mining	SQL, Python, Pandas
Backed Development	Flask, Spring Boot
Deep Learning	CNNs, RNNs, Keras, NumPy, Sci-kit Learn
Team Work	Leadership, Risk Calculation, Crisis Handling

Extra Curricular Activities

Community Leader
ACM Editorial Executive

→ ACADEMIC PROJECTS

Built a Unix-style Operating System from the ground up in Python amongst a team of 4.
Explored leveraging of different Deep Learning techniques to identify early stages of cancer in cells.

Syed Afraz Hasan Kazmi

Email Address	mafraz20@gmail.com	skazmi.bese18seecs@seecs.edu.pk
LinkedIn profile	https://www.linkedin.com/in/theyoungwolf-productions/

Career Objectives

A highly-gifted Software Engineer with passion for tailored solutions seeks the position of Full Stack Web Developer in a thriving, exciting, and a growing company. Bringing together hands-on industrial experience to the table, more than anyone of this age, regarding, advanced knowledge in stacks like MERN, MEAN and paradigms like Object-Oriented or Functional Programming accompanied with the ability to leverage Git/Github to provide best quality software in a client-centric environment.

→ EDUCATION

2022	Bachelors	National University of Science and Technology (SEECS)
2017	A'levels	Srilankan School Muscat, Oman

Achievements

→ WORK EXPERIENCE

07/01/22   Current   Zeros (California, USA - Full-time - Remote)

• Full-Stack Web development of B2B website. • Full-Stack Web development of B2C website. • Cross-platform B2C desktop application for capturing user data. • Plugins/widgets to be integrated by third-party products.

11/04/22   05/24/22   Pookidevs (Final Year Project - Contractual)

Flutter Mobile App Development • Backend Design & Development • Database Management

Community Involvement

→ PROFESSIONAL & TECHNICAL SKILLS

Technical	MEAN/MERN
Technical	Git Workflow
Soft	Innovation and Problem Solving
Soft	Leadership and communication

Extra Curricular Activities

→ ACADEMIC PROJECTS

Demo Usage and Analytics
Demo Analytics – A cross-platform desktop application which launches any desired website and automates login within itself in order to capture events a user performs over it. This data, in turn, is used to analyze the users' behavior and gives an edge in making business decisions regarding product/website.

Syed Babar Tameez

Email Address	stameez.bese18seecs@seecs.edu.pk
LinkedIn profile	linkedin.com/in/syedbabart/

Career Objectives

To work in a data-driven organization, where I can leverage my skillset as a data analyst to provide actionable insights and uncover hidden patterns from raw data.

EDUCATION

Bachelor of Software Engineering (2018-2022)
NUST (H-12), Islamabad (Current CGPA: 3.74)

Achievements

Ranked in the top 10% of the Software Engineering batch (6 out of 90)

Community Involvement

Summer Intern at Akhuwat Foundation: Worked in their cloth collection department in June 2019.

Extra Curricular Activities

Team Lead – Publications (NUST Cyber Security Club) (Sep 2020-May 2021)

Director Publication (SGA-SEECS) (Aug 2020 – April 2021)

Deputy Director – Publications (NUST Cyber Security Club) (Jan 2020 – May 2020)

WORK EXPERIENCE

Software Developer Intern at Shadow Labs (June 2021-August 2021)
Developed a Laravel application from scratch, following the MVC architecture, writing relevant models, views, and controllers.

Deep Learning Research Intern at TUKL-NUST (June 2020-September 2020)
Completed various courses, pilot projects and a capstone project in the domain of Deep Learning.

PROFESSIONAL & TECHNICAL SKILLS

Languages: Python, Java, MySQL, HTML, CSS, JavaScript, PHP, Laravel, Typescript, XML, C++

Frameworks/Technologies: Angular 10, React.js, jQuery, JSON, AJAX, GitHub

ML Tools: TensorFlow, Pandas, PyTorch, Scikit-learn, NumPy, Seaborn

ACADEMIC PROJECTS

- Customer Personality Analysis
  github.com/syedbabart/Customer-Personality-Analysis
- CNN Network for lung disease classification
  github.com/syedbabart/chest_disease_classification
- LSTM network for time-series forecasting
  github.com/syedbabart/convLSTM-covid19

Talia Hamid

Email Address	taliahamid20@gmail.com
LinkedIn profile	www.linkedin.com/in/talia-hamid

Career Objectives

To utlize my broad educational background with skills gained in various fields of Software Engineering ranging from design and development to testing alongwith excellent analytical, technical and problem solving skills to thrive as an Engineer.

EDUCATION

2022	Bachelors in	National University of Sciences and Technology
2018	ICS	Punjab College for Women, Bahawalpur
2016	Matric	The Nexus Senior School, Bahawalpur

Achievements

GPA Based Scholarship 5 times in NUST- (Semester 2, 4, 5 6 and 7)

2nd Position in Overall Bahawalpur Board (1st position in ICS group)

Community Involvement

Project Insnaniyat at SEECS - to help slum children get quality education

WWF Digital EcoInternship - 40 hours of community service, digital advocacy campaign for eco-tourism

Visit to SOS children's village

Extra Curricular Activities

Press Secretary at Nust Cyber Security Club - 2021

Director Marketing at NUST Cyber Security Club - 2020

Marketing Executive at TABA youth chapter NUST - 2019

Marekting Executive at NUST Character Building Society - 2019

WORK EXPERIENCE

08/2021   04/2022   IAG Soft, Multan

As a junior software engineer, I did android development as well as web development and got experience in flutter, native android, .NET, HTML, CSS, javascript, sql server, sqlite, firebase and wordpress.

03/2021   05/2021   OvenDiaries, Islamabad

Working at this startup, I with my team, developed a complete WordPress multi-vendor marketplace website for OvenDiaries.

PROFESSIONAL & TECHNICAL SKILLS

Big Data Analytics	Implementation of different analytics techniques - Pyspark
Web Development	Full stack development(.NET, HTML, CSS, PHP, JS, React)
Android Developmer	Flutter, Native Android -Firebase, mysql, sqlite for database`
Machine Learning	Building machine learning and data mining models - Python

ACADEMIC PROJECTS

- Emergency Services App (Final Year Project) : App takes urdu speech or text input, rasa model identifies the service required and reports it to the department
- Garbage Classification System using KNN and CNN - Comparative Analysis (Python)
- T20 WorldCup 2021-Cricket Analysis (Machine Learning, Python)

Zaid Wajid

Email Address	xaidwajid@gmail.com
LinkedIn profile	https://www.linkedin.com/in/zaid-wajid-0222851a7/

Career Objectives

To secure a position as a Game Developer in a fast-growing gaming industry that creates and develops high-tech games where skills and expertise can maximize potential growth.

→ EDUCATION

2022	BESE	NUST, Islamabad
2018	F.Sc	Punjab College, Gujranwala
2016	Matric	Government Comprehensive High School, Gujranwala

Achievements

Unity Certified 3D Artist, Coursera
Unity Certified Programmer
Preparation, Coursera

→ WORK EXPERIENCE

2021-06   2021-09   MIMAR

Unity Developer Intern

2019-06   Present   Fiverr

Game Developer

Community Involvement

→ PROFESSIONAL & TECHNICAL SKILLS

Game Development	C#, Unity, Python, Java, UE4, Blueprints, C++
Augmented Reality	Vuforia, C#, Unity

Extra Curricular Activities

E-Gaming
Swimming
Gym

→ ACADEMIC PROJECTS

The Reaper is a first-person shooter and quests horror genre-based game.

ZAINAB IFTIKHAR

Email Address	ziftikhar.bese18seecs@seecs.edu.pk
LinkedIn profile	https://www.linkedin.com/in/zainab-iftikhar-1204/

Career Objectives

To work in an educational environment full of meaningful projects and contributions so that I can continue to improve my skills.

→ EDUCATION

2022	Bachelor's in	National University of Sciences & Technology (NUST)
2018	FSc Pre-Eng	F.G.P.G. College for Women, Wah Cantt
2016	Matric	Quality School, Wah Cantt

Achievements

Certificate of Volunteer Appreciation from Global Spotlight Pakistan (2021)

→ WORK EXPERIENCE

Aug, 2021 Aug, 2021 GogiStudios

Web Developer/Designer - Was responsible for analyzing their website at that time to find flaws, defects and improvements in flow and design and then present a new design.

July,2021   April,2022 DigiPros

Content Writer - Worked as a copy writer/content writer to produce content regarding different fields such as technology, travel, real-estate and businesses.

Community Involvement

Volunteering at Global Spotlight Pakistan to highlight different societal issuess (2021)

Food Distribution Project with Chaddar (2022)

A Project to facilitate the admission of some Afghani students in school (2022)

→ PROFESSIONAL & TECHNICAL SKILLS

Machine Learning	Implementation of Different models (Python)
Web Development	Frontend Development (React, HTML, CSS, JS)
Web Development	Integration of Python backend with Flask
Google Cloud	Using different APIs to build a pipeline

Extra Curricular Activities

Painting
Reading
Graphic Designing
Writing
Football

→ ACADEMIC PROJECTS

FYP - Automated Dubbing System (Python, Flask, HTML, CSS)
IDC Categorization (Python)
Object Detection with YOLO (Python)

NUST

Defining futures

NUST School of Electrical Engineering
and Computer Science (SEECS)

NUST, Sector H-12, Islamabad
www.seecs.nust.edu.pk | www.facebook.com/NUST.SEECS