

Positions for Research Assistant

Job Title: Full time Research Assistants

Job Category: Engineering/IT/CS

Job Description

Multiple fulltime paid Research Assistants (RA) opportunities are available through a funded project. The project is based on Multihop device to device routing in the context of terror attacks. The duration of the RA opportunity is approximately six months and may be extendable. This is a good opportunity for students enrolled in MSEE, MS IT and CS programs as we are looking for current MS students available for the duration and willing to take the thesis in the said area. You will be mentored by an experienced team of faculty members and other area experts to further your skill sets. The R&D role requires significant amount of flexibility, commitment, verbal reasoning and lateral thinking to solve challenging problems.

Key Role and Responsibilities	<ol style="list-style-type: none">1. Design and develop project web portal and mobile app,.2. Develop routing algorithms using machine learning and software defined networks3. Develop prototype for device to device multihop routing4. Design test specification and cases,5. Responsible for writing minute sheets and other project related documents from requirement specification to maintenance phase.6. Other project related tasks7. Design and develop project web portal8. Project Documentation
Qualifications and Education Requirements / Preferred Skills	<p>Research Assistant: MS students enrolled in EE/ IT / CS program with the following qualification:</p> <p>Students should have understanding of computer/ communication networking and wireless networking. Additionally it is beneficial to have knowledge in any of the following: digital communication, probability theory, machine learning and software defined networking.</p>
Preferred Skills	<p>The main expectations from the students are:</p> <ol style="list-style-type: none">1. A solid foundation in studies and ability to learn.2. Hard working and willing to work both in a team environment and independently.3. Strong inter-personal and communication skills.4. Good to have Programming experience5. Good to have prior experience with Matlab or packet level simulators such as NS3, Mininet wifi6. Good to have prior research experience or publication

How to apply In order to apply, please send your detailed CV (courses taken with grades, research experience, projects, tools, skill set etc.) and a statement of purpose to rizwan.ahmad@seecs.edu.pk. Use the relevant title in the email subject. **Deadline: Positions are open until filled.**