SRIRAM KARTHIK AKELLA

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Education

Bachelor of Science: Computer Science   Expected in 12/2024

University of Alberta - Edmonton

Professional Summary

I am currently enrolled in the Science Internship Program (co-op) at my university, which allows me to work full-time for 4-16 months. My main interest lies in the field of Software Development. I believe that I have the ability to effectively self-manage during independent projects, as well as collaborate as part of a productive team. I am confident that my passion for technology and my commitment to excellence make me an ideal candidate for the roles that I am applying for.

Skills

- Fluency in Python, C, Java
- Web & App Development
- Database Management: SQL, MongoDB
- Scrum
- Flutter
- Agile Development Methodologies
- Automation
- Active Directory Knowledge

Professional Experience

Software Developer Intern   01/2023 - Current

City Of Edmonton – Edmonton, AB

- I am an intern with the Network Team and my main role is to develop scripts using Python to automate networking operations, streamline processes and increasing efficiency.
- Manipulated network data files to extract valuable insights from CoE sites across the city.
- Coded websites using HTML, CSS, JavaScript, and jQuery languages.
- Designed and executed security measures such as firewalls and encryption.

Teaching Assistant   01/2022 - 07/2022

University Of Alberta – Edmonton, AB

- Developed materials to support classroom instruction, lab work and in-class activities.
- Helped with grading assignments and tests, providing constructive feedback to students based on results.

Accomplishments

- Qify Virtual Clinic - KFAS Virtual Hackathon - Created a 'virtual clinic' mobile application for Android and iOS (using Flutter and Firebase) for our participation in the KFAS & CODED Virtual Hackathon - Emergency Resilience. The main goal of the project was to eliminate the pressure created on medical systems during the COVID-19 pandemic by creating digital queues for consulting a doctor.
- The Smart Eye - Developed a device that assists visually impaired which can reduce their dependence on others in terms of mobility. The device uses Machine Learning & Artificial Intelligence to detect and recognize objects in the field of view of the user.