Rohan Ramachandran

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OBJECTIVE

I am an undergraduate senior computer science student seeking a full-time position as a software engineer in Spring 2022. Throughout my career, I wish to contribute to projects that establish a healthy relationship between technology and people that will ultimately help them live their lives to the fullest.

EDUCATION

Bachelor of Science in Computer Science   **9/2017 to 12/2021**
University of Wisconsin - Madison   **GPA: 3.236**
Relevant Coursework: Data Structures, Operating Systems, Machine Organization and Programming, Matrix and Linear Algebra, Algorithms, Artificial Intelligence, Databases, Graphics, Human Computer Interaction and Mobile Development.

TECHNICAL SKILLS

Programming Languages:
PHP, Python, Java, JavaScript, TypeScript, HTML, CSS, C, and SQL

Technologies/Frameworks:
Angular, React, Mocha, MySQL, AWS, and Agile/SCRUM

WORK EXPERIENCE

TechStart Internship II, Liberty Mutual Insurance   5/2021-present
- Utilizing Angular JS, Mocha JS, and REST and SOAP API calls to create and write tests for an application that easily allows users to update settings for insurance claims
- Collaborating with home, rental, and auto lines of business to evaluate the compliance of insurance software systems with business requirements

TechStart Internship I, Liberty Mutual Insurance   Summer 2020
- Collaborated with a team of five people to develop the VoIP Monitor web application to monitor the sound quality of call agents working from home
- Contributed to the development of VoIP Monitor backend in Python and developed the entire front end for the web application using ReactJS
- Added the functionality for the real-time plotting of call metrics
- Significantly reduced expenses for Liberty Mutual due to our work on VoIP Monitor (competitive software costs $3600/agent annually)
- As a result of our effectiveness as team, the VoIP Monitor application was finished by the end of my internship and was used in the fall to effectively troubleshoot connection/quality related issues for call agents working from home

Help Desk Technician, UW Madison Library Technology   9/2019 – 5/2021
- Communicated with customers through email, telephone, and face to face
- Resolved issues regarding networking (wired and wireless)
- Helped UW Madison faculty and students transition to virtual learning

PERSONAL PROJECTS

Spotify Clone (Fall 2021) – Utilized JavaScript, AJAX calls, MySQL, and the Twilio PHP SDK to create a fully functioning music player web app inspired by Spotify in which a user can create an account, login using two-factor authentication, and stream a collection of music. Feel free test it out on your desktop or laptop at this link: rohans-slotify-app.herokuapp.com.