

# Rohan Ramachandran

Phone : 262 765 9462 | Email : [rmramachandr@wisc.edu](mailto:rmramachandr@wisc.edu)

## OBJECTIVE

I am an undergraduate senior computer science student seeking a full-time position as a full stack developer 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**  
**University of Wisconsin - Madison**

**9/2017 to 12/2021**  
**GPA: 3.236**

Relevant Coursework: Data Structures, Operating Systems, Machine Organization and Programming, Matrix and Linear Algebra, Algorithms, Artificial Intelligence, Databases, and Graphics

## SKILLS

Coding: Python, Java, TypeScript, Angular JS, ReactJS, CSS, HTML, C, and SQL

Technologies/Environment: Windows, Linux, Git, Jira, and Amazon Web Services

## EXPERIENCE

**TechStart Intern, Liberty Mutual Insurance**

**5/2021-present**

- Utilizing Angular JS and API calls to create a page 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 Intern, 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
- Gained valuable experience working with Amazon Web Services
- 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

## SOFTWARE PROJECTS (<https://github.com/rohanramachandr>)

**MyGallifyApp** (Summer 2021)-Utilized Angular JS to create a fully responsive and mobile friendly website detailing my interest in working at Gallify!

**VoIP Monitor** (Summer 2020)-Given an agent's PIN number, the VoIP Monitor web application will display either a historical report or real-time report of that agent's call metrics: jitter, delay, packet loss, and MOS (mean opinion score). These reports contain interactive charts and the option to export call data to a CSV file.

**Facial Recognition** (Spring 2020)- Implemented a facial analysis program in python using principal components analysis.