



RAHUL VUGGUMUDI

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PROFESSIONAL SUMMARY

Dedicated and ambitious college student pursuing a degree in Computer Science at The University of Texas at Austin, with a strong commitment to academic excellence and a passion for technology.

EXPERIENCE

Tech Engineer January 2024 - Current

Texas Convergent Forge

- Tech Engineer at Texas Convergent Forge Team: Active involvement in a multidisciplinary team focused on technological innovation and engineering projects
- Internship at Suits: Engaging in a professional setting to assist in the development and enhancement of the company's application
- Frontend and Backend Development: Dedicated efforts to improve both the user interface and the server-side functionality of the Suits application, ensuring a seamless user experience
- Receipt Scanner Implementation: Working on integrating a receipt scanner feature for the Suits app, employing skills in image processing and data extraction to add valuable functionality.

Website Lead

August 2022 - May 2023

Asian Chambers of Texas | Dallas, United States

- Established event registration, payment, and a photo gallery features on the organization's website
- Consolidated emails using G Suite (formerly known as Google Apps) for improved communication
- Formulated a comprehensive proposal and recommendations for potential social media platforms to enhance the organization's online presence.

App Development Research Intern

May 2022 - July 2022

UT Dallas | Dallas, United States

- Collaborated with Professor John Cole on Android App Development research
- Developed various Android apps, including a Trello Clone, using Android Studio and Kotlin
- Gained insights into class systems and honed code optimization and troubleshooting skills
- Attended a webinar on Biomedical Image Analysis by Dr
- Surya Prasath.

EDUCATION

Bachelor of Science in Computer Science

March 2024

University of Texas at Austin, Austin

- Relevant Courses: Introduction to Programming, Data Structures and Algorithms, Discrete Mathematics, Multivariable Calculus
- GPA: 3.7

SKILLS

- NodeJS
- ReactJS
- Xcode/Android Studio
- Unity/Unreal Engine

GITHUB LINK

<https://github.com/RahulV2478>

SIDE PROJECTS

- **Receipt Scanner:** Developed a receipt scanner app with Node.js and MongoDB backend., Node.js, MongoDB, Swift, OCR, Machine Learning
- **Construction Workers Mental Health Chatbot Website:** Created a mental health website tailored for construction workers., React, OpenAI API
- **Apex AI:** Created a cutting-edge virtual racing simulator, leveraging the NeuroEvolution of Augmenting Topologies (NEAT) framework to optimize AI performance for generating the most efficient racing lines on diverse tracks. Won best overall project at UT Formula Hackathon.