

Yash Inani

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EDUCATION

University of California, Davis

Jun 2024

Bachelor of Science Computer Science

GPA: 3.86

Relevant Coursework: Web Programming, Software Engineering, Operating System, Computer Architecture, Networks, Computer Security, Machine Learning, Object-Oriented Programming in C++, Data Structures and Algorithms, Algorithm Design and Analysis, Functional and Logical Programming

SKILLS

- **Languages:** JavaScript, TypeScript, HTML5, CSS3, Tailwind CSS, Go, Python, C, C++
- **Frameworks and Tools:** React, NodeJs, ExpressJs, React Native, Dockers
- **Databases:** MySQL, PostgreSQL, MongoDB
- **Version Control:** Git, Github

WORK EXPERIENCE

Student Researcher, University of California, Davis

May 2023 – Present

- Collaborated with university professor and 2 peer researchers to design a comprehensive study on analyzing the gender and equity interpretation of various LLMs
- Developed python scripts to evaluate and finetune model against various benchmarks using multiple choice symbol binding methodology, achieving a 10% increase in its bias detection
- Analyzed the results using TF-IDF and bags of words to perform a comparative study on different models

LEADERSHIP EXPERIENCE & ACTIVITIES

Vice President of Operations, Google Developer Student Club at UC Davis, Davis, CA

Aug-Dec 2023

- Orchestrated the overall operations of 120+ cohort members across three domains, leading a team of 6 individuals
- Executed a successful week-long recruitment event, resulting in a 50% increase in club applications
- Organized and executed 20+ events in the span of a single quarter, with attendance averaging 80+ students in each event
- Launched the merchandize, generating \$700+ in sales and \$100 in profit, boosting club awareness and student engagement

Software Developer, Codelab, Davis, CA

Sep-Dec 2023

- Worked with a cross functional agile team of 8 developers to architect and build React Native application for a Trucking and logistics company
- Engineered a responsive and interactive dashboard utilizing chart and carousel libraries to help visualize core business KPIs saving 2 hours per week of business time

PROJECTS

“Simulation,” Personal Project

Jul-Aug 2023

- Developed a cryptocurrency exchange platform simulation in React (typescript) allowing multiple simulated environments with its own individual currency
- Engineered a Go backend with GraphQL for faster retrieval and “Proof of Work” analysis of blocks and utilized PostgreSQL and MongoDB to store user and blockchain data respectively
- Designed and integrated a robust user and admin authorization system, enabling all users to be miners and administrator to control the currency flow

“Synthia AI,” CalHacks

Jun 2023

- Collaborated in a 4-person team to develop AI driven interview analysis made with React frontend and Flask backend
- Engineered real time speech-to-text integration for the frontend and seamlessly integrated OpenAI and Hume APIs for comprehensive emotion analysis, enhancing interviewee performance assistance

“Tik Tok Pets,” Web Programming, University of California, Davis

Apr-May 2022

- Collaborated in a 3-person team to develop an interactive web game using Node.Js and Express.Js for frontend and backend development
- Designed and managed SQL database system for user data storage
- Employed the PagerRank algorithm to find the top-rates TikTok Pets video from the web game