Aryan Vora

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EDUCATION

University of California, Santa Cruz   Santa Cruz, CA
Bachelor of Science in Computer Science, College Scholars Program   *Expected Graduation: June 2025*

EXPERIENCE

Software Engineering Intern   Aug. 2023 – Nov. 2023
Squeezee Group Shopping   *Remote*
- Built a multi-platform receipt scanner using React for the frontend and Firebase for the backend. Used OpenAI api to enhance data processing allowing it to fill in incomplete data
- Leveraged OCRSpace for precise text and data extraction from scanned receipts, ensuring accuracy in the process.
- Enhanced user experience and accessibility by creating a mobile version of the app using React Native, supporting both iOS and Android platforms.
- Designed and implemented a price-comparison API using web scraping techniques, and deployed a demo website using Flask.

National Officer   August 2021 – December 2021
Shooting Stars Foundation   *Fremont, CA*
- Organizer of the AMD-Xilinx All-Girls Hackathon, attracting participants from over 50 countries and garnering 600+ entries.
- Conducted an informative and hands-on workshop with over 100 participants focused on HTML/CSS, to enhance their web development skills.

PROJECTS

FIRST Tech Challenge
- Used image detection to allowing for precise navigation and effective obstacle detection autonomously. Increased the accuracy of the robot's disc-launching mechanism to 90%
- Collaborated with a nonprofit organization to expand Python tutoring programs, teaching a specialized class for aspiring STEM enthusiasts.

Aletheia
- AI-driven application transforming complex pharmaceutical prescriptions into patient-friendly language, enhancing understanding and patient care.
- Features include PDF and image upload capabilities for medical documents, with advanced AI analysis for personalized drug impact assessment. Won Best UI/UX at ACMxGraceHacks 2023.

ClassBooster
- Collaborative full-stack project, aimed at automating creating smart seating charts for teachers.
- Designed user interfaces in Figma and coded these designs in React, and integrated them with the backend for functionality.

PDF Summarizer
- Flask-based web application that utilizes OpenAI's API to summarize large PDF documents

TECHNICAL SKILLS AND AWARDS

Languages: Python, Java, C/C++, JavaScript, HTML/CSS
Frameworks: React (Native), Node.js, Flutter, Flask, Nextjs, RestAPI
Developer Tools: Git, Bash, AWS, Firebase/Google Cloud, Postman, Figma, Mobile and Web Development, Image Detection, OpenCV, Pandas