

Aryan Vora

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EDUCATION

University of California, Santa Cruz

Bachelor of Science in Computer Science, College Scholars Program

Santa Cruz, CA

Expected Graduation: June 2025

EXPERIENCE

Software Engineering Intern | React, Firebase, OCR, Generative AI

Aug. 2023 – Nov. 2023

Squeeze Group Shopping

San Jose, CA

- Built a multi-platform receipt scanner using React for the frontend and Firebase for the backend. Implemented generative AI 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 through web scraping techniques, and deployed a demo website using Flask.

National Officer | Leadership

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.
- Efficiently managed event logistics, maintained proactive communication with participants and sponsors and ensured the seamless execution of all aspects of the event.
- Conducted an informative and hands-on workshop with over 100 participants focused on HTML/CSS, to enhance their web development skills.

FIRST Tech Challenge | Java, OpenCV, Robotics Engineering

October 2020 – January 2022

FTC

Fremont, CA

- Significantly contributed to autonomous robot development, allowing for precise navigation, effective obstacle detection, and comprehensive project documentation.
- Collaborated with a nonprofit organization to expand Python tutoring programs, teaching a specialized class for aspiring STEM enthusiasts.

PROJECTS

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 PDF documents

TECHNICAL SKILLS

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