

CALEB YANG

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SUMMARY

UC Irvine Computer Science senior with experience in fullstack web and cloud development. Built and deployed apps with Next.js, React, Firebase, AWS, and Docker, including hackathon-winning and community-used projects.

EDUCATION

University of California - Irvine

Sep 2022 - Dec 2025

Bachelor's, Computer Science

GPA: 3.715

- Relevant coursework: Data Structures/Algorithms, Python Libraries/OOP, Software Design, Project in AI/ML

SKILLS

Languages: Java, C/C++, Python, JavaScript/TypeScript, SQL

Frameworks: React, Next.js, Node.js, Flutter

Cloud/Tools: AWS, Firebase, Docker, Git, Linux, CI/CD, Kubernetes

PROJECTS & OUTSIDE EXPERIENCE

AAConnect -- Fellowship Events & Auto-Carpool Software - [Link to project](#)

Irvine, CA, USA

Full-Stack Software Engineer

Jul 2025 - Present

- Created progressive web app for a 100+ member fellowship with event sign-ups, apartment hosting, and a carpooling algorithm
- Implemented Google OAuth, Firestore security rules, and serverless functions; CI via GitHub Actions and preview deploys
- Documented design decisions in a devlog to reinforce personal learning and aid future maintainability

Fabflix Movie Database Web-App

Sep 2024 - Dec 2024

Backend Software Engineer

- Built web-app with search, shopping cart, secure login, and auto-complete features for a large movie catalog
- Improved site speed by ~50% through database connection pooling, replication, and server load-balancing
- Deployed a containerized version to AWS using Kubernetes for scalable, reliable hosting

Retainify - [Link to project](#)

Los Angeles, CA, USA

Mobile Software Engineer (LA Hacks 2023)

Apr 2023 - May 2023

- Built Flutter mobile app that generates AI-powered quiz questions from student notes using active recall
- Implemented offline storage and integrated Notion API for note retrieval; pitched to judges with live iPhone demo

OTHER EXPERIENCE

University of California - Irvine

Irvine, CA, USA

Web Developer

Feb 2023 - Oct 2024

- Managed and updated 80+ faculty profiles, ensuring content stayed accurate, accessible, and aligned with program needs
- Rebuilt key pages in WordPress, improving navigation and boosting user engagement by 50%
- Collaborated with program director to develop content strategies, utilizing website analytics to tailor content to match viewership

Jaymoo's Playground

Los Angeles, CA, USA

Custom Lightsaber Engineer

Oct 2021 - Sep 2024

- Programmed Arduino-based firmware and assembled custom LED products; contributed to sales of thousands of units
- Produced marketing clips (Instagram/TikTok) generating 15k+ views; doubled site traffic and conversions

LEADERSHIP & INITIATIVES

AACF | Core Coordinator (2024-) | Led Core Team to shape fellowship vision, built AAConnect to address logistical needs

Double-A Discourse Podcast | Host/Producer (2024-) | Created Spotify podcast sharing student journeys; grew to 650+ listeners