

CALEB YANG

+1 (626) 818-2105 | kb@jaymoo.com | Irvine, CA, USA | calebyang.dev/

PROFESSIONAL SUMMARY

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

EDUCATION

University of California - Irvine

September 2022 - December 2025

Bachelor's, Computer Science

GPA: 3.715

- Relevant coursework: Data Structures, Operating Systems, Software Design/Testing AI/ML, Database Management

SKILLS

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

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

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

PROJECTS & OUTSIDE EXPERIENCE

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

Irvine, CA, USA

Full-Stack Software Engineer

July 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, automated CI/CD via GitHub Actions and Vercel deployment
- Documented design decisions in a devlog to reinforce personal learning and aid future maintainability
- Wrote unit tests with Jest to validate core logic and ensure reliability of event and carpooling features

Fabflix Movie Database Web-App

September 2024 - December 2024

Backend Software Engineer

- Built a full-stack 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

Los Angeles, CA, USA

Mobile Software Engineer

April 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

PROFESSIONAL EXPERIENCE

UCI Scholarship Opportunities Program

Irvine, CA, USA

Student Advisor

June 2023 - Present

- Mentored undergraduate and graduate students in their pursuit of 21 prestigious scholarships, resulting in 3-5 recipients per year
- Supported multiple students in securing nationally recognized fellowships and awards (i.e. Fulbright, NOAA, DoD SMART)
- Collaborated with program staff to organize workshops and office hours, reaching 500+ high-achieving students annually

University of California - Irvine

Irvine, CA, USA

Web Developer

February 2023 - October 2024

- Managed and updated 80+ faculty profiles, ensuring content stayed accurate, accessible, and aligned with program needs
- Rebuilt key informational pages, 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

LEADERSHIP & INITIATIVES

AACF | Core Coordinator (2024-) | Led Core Team, grew membership by 80%, built AAConnect to address logistical needs

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