

# CALEB YANG

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## PROFESSIONAL SUMMARY

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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 Docker, including hackathon-winning and community-used projects. Seeking full-time SWE opportunities starting 2026.

## EDUCATION

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**University of California - Irvine**  
*Bachelor's, Computer Science*

**September 2022 - December 2025**  
*GPA: 3.715*

## SKILLS

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

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

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

## PROJECTS & OUTSIDE EXPERIENCE

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

**Irvine, CA, USA**  
*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, and serverless functions; CI/CD via GitHub Actions and preview deploys
- 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**  
*Backend Software Engineer*

*September 2024 - December 2024*

- 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**  
*Mobile Software Engineer*

**Los Angeles, CA, USA**  
*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

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**UCI Scholarship Opportunities Program**  
*Student Advisor*

**Irvine, CA, USA**  
*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**  
*Web Developer*

**Irvine, CA, USA**  
*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

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**AACF | Core Coordinator (2024-)** | Led Core Team, grew membership by 25%, built AAConnect to address logistical needs

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