

Ajay Liu

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EDUCATION

University of California, Santa Barbara

Computer Science, Bachelor of Science

- Cumulative GPA: 3.97 / 4.0

Santa Barbara, CA

Sep 2022 - Present

Troy High School

Computer Science Magnet Pathway

Fullerton, CA

Aug 2018 - Jun 2022

- Awarded Troy Tech Pathways Award in Computer Science, given to two Troy Tech seniors in each pathway annually.

PROFESSIONAL EXPERIENCE

Snag Delivery

Software Engineer Intern

Isla Vista, CA

Jun 2023 - Aug 2023

- 10-week paid internship at local campus delivery startup under California NanoSystems Institute's Propel Startup Fellowship.
- Migrated employee scheduling system from Sling to Deputy API using Firebase Cloud Functions, allowing store managers to monitor active shifts and employees to clock-in and clock-out directly from Snag's employee app.

Charipay

Frontend Web Developer Intern

Los Angeles, CA

Jun 2021 - Jul 2021

- Earned one of 2 spots out of 16 applicants for UCLA startup after rigorous technical interview process. Shadowed for 150 hours.

SuperProf

Online Instructor

Fullerton, CA

Feb 2020 - Nov 2021

- Tutored college student with advanced level C++ development course that resulted in significant grade improvement.

PROJECTS

GratiCat (devpost.com/software/graticat)

May 2023

- Won Top 5 Overall out of 31 teams at SB Hacks IX; won Honorable Mention award for best presentation delivered.
- Collaborated effectively with a team of 4 to develop a gratitude app, incorporating NLP to analyze users' values with React Native.

Verde (github.com/AjayLiu/verde)

Mar 2023

- Won UCSB's Google Developer Student Club Solution Challenge, a four-month long software development competition.
- Collaborated with 3 team members to create a social media app promoting sustainability. Built with React Native and Firebase.

Notation Visualizer (notation-visualizer.ajayliu.com)

Jul 2022

- Developed interactive visualizer site explaining Computer Science topics: Infix, Prefix (Polish), and Postfix (Reverse Polish) notation.

Bet You Don't Know (bet-you-dont-know.ajayliu.com)

Jun 2021

- Built full-stack multiplayer website with realtime lobby, chat, kick, admin capabilities using Socket.io, Express, Next.js, Typescript.

Inspiration Jar (inspiration-jar.ajayliu.com)

Mar 2021

- Launched full-stack positivity social media platform using Google OAuth 2.0 for login, send, read, and upvote capabilities.

AjayLiu.com (ajayliu.com)

Feb 2020 - Present

- Designed own interactive portfolio showcasing over 15 personal and collaborative projects. Visited by more than 3000 unique users.

EXTRACURRICULAR EXPERIENCE

Untitled Dance Company

Dancer

Santa Barbara, CA

Sep 2022 - Present

- Earned one of less than 5 spots out of over 100 auditionees during Fall tryouts.

All Male Varsity Dance Team

Fullerton, CA

Captain (2021-2022)

Jul 2020 - Jun 2022

- Won 1st place for Small All Male category at CADTD Esperanza High School and WCE Newbury Park High School.

Game Development Club

Fullerton, CA

President (2019-2022), Lead Programmer (2018-2020)

Aug 2018 - Jun 2022

- Led 35 members across 3 departments to develop games collaboratively via Git. Published 3 games on Google Play trovgamedev.com.

StemUp4Youth Club

Fullerton, CA

Web Developer Board Position (2020-2022), STEM Instructor (2018-2022)

Aug 2018 - Jun 2022

- Developed new club website and volunteered 120 hours teaching underprivileged and special education children to code on Code.org.

AWARDS

Taiwanese American Scholarship Fund

Jun 2022

- Awarded to 10 outstanding Taiwanese American high school seniors and first year college students across the United States annually.

Chao Family Foundation Scholarship

Jun 2022

- Awarded to 5 high school seniors seeking a degree at University of California (UC) or Cal State University in Fall 2022.

UCSB Regents Scholarship

Jun 2022

- Awarded to less than 2% of incoming undergraduate freshmen for exceptional merit.

Evalée C. Schwarz Charitable Trust for Education

Jun 2022

- Awarded to undergraduate and graduate students who demonstrate exceptional academic performance and significant financial need.

LANGUAGES

- Fluent in English and Mandarin Chinese; High school proficiency in Spanish.