

# Ajay Liu

Isla Vista, CA • [contact@ajayliu.com](mailto:contact@ajayliu.com) • [ajayliu.com](https://ajayliu.com) • [github.com/ajayliu](https://github.com/ajayliu)

## EDUCATION

### University of California, Santa Barbara

Computer Science, Bachelor of Science

- Cumulative GPA: 3.97 / 4.0.

- Selected for UCSB's Early Research Scholars Program, a year-long apprenticeship pairing students with faculty in computing research.

### Troy High School

Computer Science Magnet Pathway

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

Santa Barbara, CA

Sep 2022 - Present

Fullerton, CA

Aug 2018 - Jun 2022

## PROFESSIONAL EXPERIENCE

### Snag Delivery Inc.

Software Engineer Intern

- 10-week paid internship at local campus delivery startup under California NanoSystems Institute's Propel Startup Fellowship.
- Migrated backend employee scheduling system across multiple store locations, helping managers and employees monitor active shifts.
- Generated humorous product descriptions for more than 800 store items across all Snag locations using Natural Language Processing.

Isla Vista, CA

Jun 2023 - Aug 2023

### Charipay Co.

Frontend Web Developer Intern

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

Los Angeles, CA

Jun 2021 - Jul 2021

### SuperProf

Online Instructor

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

Fullerton, CA

Feb 2020 - Nov 2021

## PROJECTS

### GratiCat ([devpost.com/software/graticat](https://devpost.com/software/graticat))

- 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.

May 2023

### Verde ([github.com/AjayLiu/verde](https://github.com/AjayLiu/verde))

- 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.

Mar 2023

### Notation Visualizer ([notation-visualizer.ajayliu.com](https://notation-visualizer.ajayliu.com))

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

Jul 2022

### Bet You Don't Know ([bet-you-dont-know.ajayliu.com](https://bet-you-dont-know.ajayliu.com))

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

Jun 2021

### Inspiration Jar ([inspiration-jar.ajayliu.com](https://inspiration-jar.ajayliu.com))

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

Mar 2021

### AjayLiu.com ([ajayliu.com](https://ajayliu.com))

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

Feb 2020 - Present

## EXTRACURRICULAR EXPERIENCE

### Untitled Dance Company

Dancer

- Practice 8 hrs/wk to perform at Hip Hop International Championship, Welcome to the 805, and Untitled Spring Benefit Showcase.

Santa Barbara, CA

Sep 2022 - Present

### All Male Varsity Dance Team

Captain (2021-2022)

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

Fullerton, CA

Jul 2020 - Jun 2022

### Game Development Club

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

- Led 35 members across 3 departments to develop games collaboratively via Git. Published 3 games on Google Play [trovgamedev.com](https://trovgamedev.com).

Fullerton, CA

Aug 2018 - Jun 2022

### StemUp4Youth Club

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

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

Fullerton, CA

Aug 2018 - Jun 2022

## AWARDS

### Taiwanese American Scholarship Fund

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

Jun 2022

### Chao Family Foundation Scholarship

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

Jun 2022

### UC Santa Barbara Regents Scholarship

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

Jun 2022

## LANGUAGES

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