

Jasmine Tan

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EDUCATION

University of California, Santa Barbara

June 2027

B.S. Computer Science, Software Engineering Track — Regents Scholar, Engineering Honors — Cumulative GPA: 3.63

Minors: Science & Mathematics Education (CBL Endorsement); Technology Management Certificate (in progress)

Relevant Coursework: Advanced Applications Programming, Database Systems, Mobile App Development, Data Structures & Algorithms, Machine Learning, Computer Vision; Senior Capstone Project (Fall 2026–Winter 2027)

WORK EXPERIENCE

Software Engineer — Caliber Research Group, UCSB (Advised by Prof. Diba Mirza)

June 2026 – Present

- Contribute to Caliber, an AI-assisted course-planning and mastery-based-practice platform for university instruction; work has been presented and published in the Proceedings of the 31st ACM Conference on Innovation and Technology in Computer Science Education (ITICSE '26)
- Own a project-management ticket tracker for the team's growing Software Engineering and AI groups; designing ticket creation/assignment, member self-claiming, and progress tracking (ownership, status, deadlines, change history)
- Redesign the LeetCode Autograder's student submission flow and feedback interface, restructuring a 6-step grading pipeline into clear pass/fail breakdowns; platform launches fall 2026 in UCSB's CS8 and CS24 intro courses (250+ students/quarter)

Lead Developer — SciTrek

Feb 2026 – Present

- Taking over as sole maintainer of a volunteer-scheduling platform (FastAPI, PostgreSQL, Celery/Redis, React, Vite), inherited from graduating developers and built to replace SignupGenius with a mobile-optimized, ad-free experience for SciTrek's K-12 science outreach program
- Simulating a full quarter of platform usage— seeding realistic volunteer and school data (approx. 8–10 volunteers/module, 3–5 schools, based on program history) — to demo admin and organizer workflows in plain terms for SciTrek's non-technical program coordinator
- Set to become SciTrek's primary technical point of contact this fall, prioritizing scalability as the platform moves from simulation to a full program-wide launch

Team Lead — UCSB Distribution & Logistics Services

Jun 2024 – Present

- Led the FM Yard Moving Sale x Surplus Sales project — 2025 Sustainability Award (ULSCA/ARCUMS) — diverting 85 tons of waste, generating \$234K in revenue, and completing 260+ sales (75% first-time buyers)
- Implemented Smartsheet automation and KPI dashboards to support data-driven sustainability operations

Technical Project Management Intern — Reverage Studios

Jun 2022 – Aug 2022

- Authored ClickUp documentation to standardize project tracking; participated in Agile sprint planning and postmortems to identify and implement workflow optimizations

PROJECTS

KIT: Kitchen Inventory Tracking

Jan 2026 – March 2026

- Built a cross-platform mobile app from scratch (React Native/Expo, FastAPI, Supabase) with a 7-person team, ranking #3 on the team by commit volume (62 commits), integrating OCR receipt scanning, barcode lookup, and recipe suggestions
- Owned the home dashboard, notifications system, and environmental-impact scoring for food waste — driving expiration alerts and ingredient-match recipe suggestions to help households cut food waste

UCSB Project Dining

Sept 2025 – Dec 2025

- De facto lead for a 6-person team extending a legacy UCSB dining-menu web app (React, Spring Boot) with new backend/frontend features
- Ran biweekly retros and standups, led code reviews, and resolved merge conflicts; introduced a same-day PR-review norm that eliminated the review backlogs the team hit on a prior project, delivering 100% of committed work on schedule

yunie: Productivity Agent

May 2025 – Present

- Architected an AI-powered assistant (React, Node.js, OpenAI API) enabling conversational task management, context-aware reminders, intelligent scheduling, and dynamic goal tracking

LEADERSHIP EXPERIENCE

Internal Vice President, prev. Recruitment & Events Chair — Taiwanese American Student Association

Sep 2023 – Present

- Oversee ~25 staff and 10–12 interns; own the intern pipeline end-to-end (applications, interviews, selection), mentor interns through their projects, and run staff ops (feedback surveys, 1:1 check-ins, recognition, attendance, and the annual staff retreat)
- As Recruitment Chair, spearheaded mentorship initiatives including a big/little program matching 150+ members; previously as Events Chair planned 100+ attendee campus events end-to-end (vendor coordination, budget management)

Vice President of Administration — Phi Sigma Rho Sorority

Mar 2025 – Present

- Oversee internal operations, documentation, and governance for a ~30-member chapter, serving as liaison between officers and committees to maintain policy compliance

PROFESSIONAL SKILLS

Languages: C++, Python, JavaScript, HTML/CSS, SQL

Frameworks/Tools: React, React Native, Flutter, Node.js, FastAPI, Supabase, OpenAI API, Git/GitHub, Webflow, Figma, Cypress

Project Management: Agile/Scrum, Sprint Planning, Risk Management, Documentation & Reporting, Notion, Smartsheet, ClickUp, Jira