Sophia Tran
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EDUCATION

- **University of California, Irvine** — *September 2021- June 2025*
  Computer Science, B.S. — GPA: 3.8

- **San Marino High School** — *May 2021*
  High School Diploma — GPA: 3.9

TECHNICAL SKILLS AND INTERESTS

Languages: Python, C/C++, Javascript/HTML/CSS, Typescript, SQL, GraphQL, Verilog, R
Developer Tools: Node.js, Express.js, Git, Linux/Shell, Jira, Cypress, Vivado, Prisma, Figma
Frameworks: React, Bootstrap, Flask, WordPress
Soft Skills: Teamwork, Problem Solving, Independent Learning, Teaching

EXPERIENCE

- **Breeze End Technology, LLC** — *July 2023 - September 2023*
  Web Application Developer Internship — Remote
  - Developed Javascript scripts in Cypress.io for fast data scraping from various e-commerce sites by auto-completing required fields and saving collected data to be organized.

- **UCI CubeSat** — *January 2023 - Present*
  Embedded Software Engineer — Irvine, CA
  - Gathered and documented software requirements for the CubeSat's systems, creating a clear understanding of the project's scope and objectives for new members.
  - With an STM32L4 and in C, tested the quality and sensitivity of various pressure and temperature sensors.

- **ICS Student Council** — *June 2023 - September 2023*
  Fellowship Program — Irvine, CA
  - Created a React web app for fetching information from the PeterPortal API to make a list of course names and descriptions. Used GraphQL for fetching specific course and instructor data.
  - Used Git for version control and deployed sites through Github pages.

PERSONAL PROJECTS

- **Find The Color**
  Personal Project
  - Tools & technologies used: React, Git, Javascript, HTML, CSS
  - A gamified way to familiarize young children with the names of colors. Self made and produced with a simple frontend design and using various React hooks for controlling button components.

- **Zot Major**
  VenusHacks 2023
  - Tools & technologies used: React, Bootstrap, Youtube API, Flask, Git, HTML, CSS
  - Offers a user-friendly interface to explore majors that are available to a UCI student.
  - As the user navigates through the major options, they will encounter information from our personal database and requested from the Youtube API, filtered by most viewed, to gain a richer understanding of a major.

ACHIEVEMENTS AND CERTIFICATIONS

- **AT&T 2023 Technology Academy Certificant** — *August 2023*
  Gained background on RESTful APIs, networking, and Cloud computing fundamentals.

- **"Design and Development of AntSat 01's 2U CubeSat Flight Subsystems"** — *May 2023*
  Authored the poster publication from winning the Dean's Choice Award.

- **BMES Hackathon: 1st Place** — *March 2023*
  Presented a mental health game app that offers daily challenges to encourage more social interactions, physical activity, and healthy mindsets. Awarded $450.

- **UROP Fellow** — *December 2022*
  Awarded $600 funding for project on aldehyde production with a noncanonical cofactor system in alcohol dehydrogenases.

- **Dean's Honors List** — *Fall 2021 - Present*
  Awarded for a quarter GPA above 3.5 with 12+ units.