Teresa Liang

EDUCATION

University Of California Irvine — **Irvine, CA**
Bachelor of Science in Computer Science — *September 2021-June 2025*
Honors: Dean's List (GPA: 4.0/4.0)

Santa Rosa Junior College — **Santa Rosa, CA**
Skills Certificate in Computer Studies: Web and Mobile Front-End Development — *June 2018 - June 2021*

UC Berkeley Data Strategy Summer Program — **Online**
Data and statistical analysis in managerial decision-making — *June 2020-July 2020*

SKILLS

- Proficient in Python and JavaScript. Experience with React Native, SQL, HTML, CSS, and C++.
- Fluent in English, Limited Proficiency in Mandarin, Elementary Proficiency in Spanish.

VOLUNTEER & WORK EXPERIENCE

Micro-Vu Corporation — **Windsor, CA**
Software/Electronics Intern — *September 2020–Present*

- Developing a React Native app from scratch to effectively assist 20+ employees keep track of item inventory, search up item details, make item transfers, and get item pick lists for work orders, improving production rates.
- Collaborating with 4+ employees to brainstorm app features and currently implementing these designs and other user feedback into the app singlehandedly.
- Developed a location searching tool using Flask to accelerate the process for engineers to find machine parts.
- Built upon a Python web application that visualizes manufacturing progress data.
- Guided new interns on manufacturing, assembling, and testing various sub-components for precision measurement equipment.

Together Above All Nonprofit Organization — **Santa Rosa, CA**
Co-founder and Vice President — *August 2020–August 2021*

- Coordinated and facilitated a 4-week online Summer STEM Program for 4th-6th graders to participate in hands-on workshops.
- Led workshops for 10 students, introducing to them the concepts of computer programming, physics, and other related STEM concepts.
- Worked with my local library to install a 32ft wide by 8ft tall mural we painted to encourage women in STEM.

Private Math Tutor — **Santa Rosa, CA**
Private Tutor — *January 2019–June 2020*

- Provided in-depth private instruction to two high-schoolers after school and during study periods, bumping up both of their grades in their respective math classes (geometry and algebra) from a C to an A.

Rincon Valley Middle School Mathcounts — **Santa Rosa, CA**
MathCounts Instructor — *August 2019–March 2021*

- Taught a classroom of 25 middle school students advanced math content such as permutations and combinations and counting techniques once a week to strengthen preparedness for AMC8 and future Mathcounts competitions.
- Designed lesson plans, led interactive games and activities, and monitored the classroom with a team of 3 others.
- Led Mathcounts team to the state level Mathcounts competition.