

# Teresa Liang

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Available to work June 19, 2023 - September 18, 2023

## EDUCATION

### University Of California Irvine

Irvine, CA

Bachelor of Science in Computer Science with a Statistics Minor

September 2021 - June 2024

- Relevant Coursework: Intro to Computer Organization, Programming in C/C++, Linear Algebra, Intro to Software Engineering, Statistics for Computer Science
- Planned Coursework: Data Structure Implementation & Analysis, Principles in System Design, Design & Analysis of Algorithms, Machine Learning & Data-Mining
- Honors: Dean's List, Phi Beta Kappa Book Award (GPA: 4.0/4.0)
- Clubs: Member of Projects Team of ICS Student Council, Social Relations Coordinator of Association of Computing Machinery

### Santa Rosa Junior College

Santa Rosa, CA

Earned Skills Certificate in Computer Studies: Web and Mobile Front-End Development by completing Web Development I, II, III

June 2018 - June 2021

### UC Berkeley Data Strategy Summer Program

Online

Learned from UC Berkeley Professor Gregory LaBlanc about the role of data and statistical analysis in managerial decision-making

Summer 2020

## SKILLS

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

## WORK EXPERIENCE

### Micro-Vu Corporation

Windsor, CA

Electronics Intern

September 2020 – September 2022

- Developed a React Native app and Flask API from scratch to help 20+ employees easily keep track of item inventory, search up item details, make item transfers, and get item pick lists for work orders, improving production rates.
- Implemented designs from 4+ engineers and other user feedback.
- Developed a location searching tool using Flask to accelerate the process for engineers to find machine parts.
- Created 4 Python web applications that visualize manufacturing progress data.
- Migrated Visual FoxPro scripts into Python and automated the process of sending these reports as emails.
- Guided new interns on manufacturing, assembling, and testing various sub-components for precision measurement equipment.

## VOLUNTEER EXPERIENCE

### 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 STEAM 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 STEAM concepts.
- Worked with my local library to install a 32ft wide by 8ft tall mural to encourage women in STEAM.

### 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 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.
- Led Mathcounts team to the state level Mathcounts competition.