

Teresa Liang

(707) 796-3009 • teresaliang2003@gmail.com • www.linkedin.com/in/teresahliang

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: Intermediate Programming, Boolean Algebra & Logic, Computational Linear Algebra, Intro to Software Engineering, Intro to Probability & Statistics for Computer Science
- Planned Coursework: Intro Computer Organization, Programming in C/C++, Data Structure Implementation & Analysis, Principles in System Design, Design & Analysis of Algorithms, Intro to Probability & Statistics I, II, & III
- Honors: Dean's List, Phi Beta Kappa Book Award (GPA: 4.0/4.0)
- Clubs: Women in Computer Science, ICS Student Council, Association of Computing Machinery, Tennis Club

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.