



## Relevant Skills

### DEVELOPMENT

*Languages:* JavaScript, Python, Swift, C++, Java

*Frameworks:* React, Vue, Angular, Ionic, Express

### DESIGN

Component-based UI/UX layout design, vector graphics/illustration, Figma

## Education

### UC IRVINE

Computer Science, BS  
(Expected 2023)

Cumulative GPA: 3.7

*Relevant Coursework:*

- Data Structures and Algorithms
- Intermediate Python
- Programming in C++
- Discrete Math for CS
- Computational Linear Algebra

### CUPERTINO HIGH SCHOOL

2015 - 2019

*Activities and Leadership:*

- Co-President, Bay AI Club
- Mentor, Tinovation Programming Club
- Teaching Assistant, AP Computer Science
- President, Cupertino Photography Club
- Team Captain, Cupertino Track and Field Team
- Lead Graphic and Apparel Designer, Cupertino Class of 2019

## Experience

### UNDERGRADUATE RESEARCH ASSISTANT - UC Irvine

MAY 2020 - PRESENT

- Developing a mobile app that dynamically generates Snapchat stickers based on health data such as steps taken, heart rate, and calories eaten.
- Implemented the Ionic Angular framework to create a component-based, cross-platform experience for iOS and Android.

### PROJECTS COMMITTEE, UCI ICS STUDENT COUNCIL

MARCH 2020 - PRESENT

- Working in a front-end development team to create an all-in-one course planning and scheduling website using the React framework.
- Designing components of the website's user interface using Figma design software.

### EVENTS COMMITTEE, UCI ICS STUDENT COUNCIL

OCTOBER 2019 - PRESENT

- Working in a committee to develop and facilitate events to bring the UCI Information and Computer Science (ICS) community together.
- Events impact ICS students technically and socially, and include the Reverse Career Fair, WebJam and Jam for Change hackathons, and technical workshops.

### HIGH SCHOOL HACKATHON MENTOR

2017 - 2019

- Mentored 5 teams in detail through brainstorming, building, and pitching an app.

### THE TECH CHALLENGE - The Tech Museum of Innovation, San Jose

2015 - 2017

- Collaborated with a team to design/develop devices to solve challenging real-world engineering problems. Awarded for engineering journal and process.

## Projects

### MESSANGER BLACK: SCHEDULED DARK MODE

JUNE 2018 - SEPTEMBER 2019

- Created a macOS app and Chrome/Safari extension that brings Scheduled Dark Mode to Facebook Messenger on desktop. Users can manually toggle Dark Mode or automatically align it with sunset/sunrise or their own schedule.
- Received 50,000 downloads worldwide since September 2019 release, and was listed in the Top 20 Social Networking apps on the Mac App Store.

### TAPESTRY: CODE VISUALIZATION FOR PYTHON

FEBRUARY 2020 - PRESENT

- Co-developing an online code visualization tool that creates easy-to-understand diagrams based on inputted Python code.
- Won Best Entrepreneurial Hack award at HackUCI 2020, which included a \$1,000 grant, \$5,000 of AWS credit, and continued mentorship from 1517 Fund.
- Working on the front-end of the project: created the website user interface/design, and wrote the script that sends Python code from the code editor to the backend.

## Volunteer Work

### THE TECH MUSEUM OF INNOVATION - San Jose

NOVEMBER 2016 - JUNE 2019

- Awarded \$1,300 Janie & Wayne Lambert Scholarship for outstanding achievements in community service and academic accomplishment. 200+ hours as Exhibit Interpreter.