

## EDUCATION

BS - Computer Science, University of Southern California

2022 - 5/2026

## TECHNICAL SKILLS

**Languages:** Python • C • C++ • HTML • Solidity • React • Javascript • Git • AWS • CSS

**Technical Knowledge:** Data Structures • Algorithms • Object-Oriented Design • Back-end Web Development • Front-end Web Development • Game Design • Debugging • DevOps

**Relevant Coursework:** CSCI 102(C++), Calculus III, CS50p and CS50x @ Harvard (Python and Coding Bootcamps)

## PERSONAL PROJECTS

**SnapCode** - AI Code Scanner to Readable Text (full-stack)

[GitHub Repo](#)

- Integrated ajax to convert images captured from the camera(CSS, Javascript, HTML) to compiler.
- Designed the UI allowing users to correctly upload/capture images and edit the code from the compiler.
- Utilized **Google Cloud Vision AI** for the back-end(javascript) to detect text from an image and output it into 3 languages: C++, C, and Javascript.
- Deployed with **AWS Elastic Beanstalk, AWS CodePipeline, AWS DNS Validation, and SSL Certification.**

**SC Formula Electric Car**

[GitHub Repo](#)

- Application of C++ to power an EV-powered car's BMS, charger, and motor system.
- Testing code through Arduino and IDEs to properly run **CAN Bus** and communicate with other parts.
- Connected **CAN high** and **CAN low** wires to the display for verifying voltage from different car parts.

**Car Crashers** - Car Video Game

- Designed a car game using a keyboard and mouse as controls in **Alice language**.
- Experimented with variables, if-else statements, classes, and objects.
- Implemented a point system based on survival time, starting at 0 and 1 point for every 2 seconds.

**Biology Research Website** - Informational Website on Rubella

[GitHub Repo](#)

- Built a website storing data on Togaviridae, a family of viruses, and vaccines on treatment.
- Implemented external links to outside resources such as Google Slides and Youtube.
- Wrote over 1000 lines total of code in **HTML and CSS**.

## WORK EXPERIENCE

### Marketing Team Member

SC Formula Electric Car - Los Angeles, California

Aug 2022 - Present

- Touch base with other car companies like Tesla and Ford for potential sponsorship deals.
- Building a portfolio that showcases the club details and prices for each sponsorship package.
- Helped raise \$10,000 in funding from the USC School of Viterbi.

### Apprentice

Dr. Dang's Dental - San Jose, California

Jun 2022 - Aug 2022

- Acclimated to the dental office alongside fellow dentists, specialists, and hygienists.
- Helped perform procedures by allocating various dental instruments in real-time.
- Analyzed different cavity locations of the 32 teeth in a human mouth through X-Ray photos.

### Swim Instructor and Lifeguard

YMCA of the Triangle - San Jose, California

Apr 2022 - Aug 2022

- Taught people from kindergarten and up the 4 basic strokes of swimming.
- Inspected a pool with an average of 30+ kids for potential dangers and health risks.
- Executed safety protocols such as CPR and AED during emergency cases.

### Receptionist

La Bella Nails Salon & Spa - Saratoga, California

Jun 2019 - Aug 2019

- Maintained a healthy relationship with customers and made well-off connections.
- Expedited guests to their requested appointments and seating arrangements.
- Oversaw a capacity of over 50 people at a time while answering phone calls and organizing transactions.