Victor Muljo

victormuljo1@gmail.com | (626) 367-4391 | linkedin.com/in/victormuljo/ | https://github.com/vmuljo/ | Los Angeles, CA

EDUCATION

University of Southern California – GPA: 3.86/4.00 *Los Angeles, CA*
Bachelor of Science in Electrical and Computer Engineering Expected: May 2023
Minor in Web Technologies and Applications

- Involvement: Institute of Electrical and Electronics Engineering, CASA, TAO

Mount San Antonio College – GPA: 3.93/4.00 *Walnut, CA*
Transfer preparation for Electrical Engineering August 2018–June 2020

SKILLS

- *Programming Languages*: C/C++, Python, JavaScript, HTML, CSS
- *Technologies*: jQuery, Bootstrap, Git

PROJECTS

Q (Queuing System) - *https://github.com/vmuljo/queuing-system-app* May 2022–Current

- Designed and built a queuing system using HTML, CSS, and JavaScript to help busy retail environments solve customer dissatisfaction due to lack of associate availability upon arrival.
- Utilized JavaScript to create a PIN-protected admin toggle to enable associates to access and modify Guest object members within the queue to improve monitoring and organizing in the workflow.
- Utilized local storage and object member functions in JavaScript to maintain and store queue data within browser and quickly retrieve and display the queue data from local storage on interface upon refresh.

Personal Portfolio - http://vmuljo.github.io/ January 2022–Current

- Designed a personal portfolio from scratch utilizing HTML and CSS to display my skills, hobbies, and software projects.
- Implemented a light and dark mode toggle using event listeners, element selectors, and CSS modifiers using JavaScript to allow visitors to choose their preferred theme to create a positive viewing experience.
- Utilized CSS media tags to create a responsive and dynamic website layout for an ease of transition between desktop and mobile layouts and improved viewing experience.

Network Connection System – *(Software Design for Electrical Engineers - USC)* January 2022–May 2022

- Applied C++ OOP knowledge with classes to create a network connection system to improve team creation process and collaboration between team members.
- Implemented a doubly-linked list data structure to store Person objects within the Network object to improve efficiency with O(n) search and deletion and O(1) insertion time complexities.
- Utilized private membership to allow a set of people to connect with each other and share contact information between connections without making their information publicly available.

RELEVANT COURSEWORK

- Software Design for EE (Data Structures and Algorithms), Front-End Web Development, Intro to Python, Probability and Statistics, Computer Programming with C++, Embedded Systems, Distributed Systems for the IoT
- *In Progress: Advanced Front-End Web Dev (Fall 2022), Back-End Web Dev (Fall 2022), iOS App Dev (Fall 2022)*

WORK EXPERIENCE

Sunright Tea Studio - Tea Barista September 2019–July 2020

- Collaborated with coworkers in the creation of products to maximize efficiency in workflow within work environment
- Adapted to changes in workflow through communication with coworkers to ensure timely completion of products in the kitchen.