

Victor Muljo

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

EDUCATION

University of Southern California – GPA: 3.91/4.00

Los Angeles, CA

Bachelor of Science in Electrical and Computer Engineering

Expected: May 2023

Minor in Web Technologies and Applications

- Involvement: Chinese American Student Association, Taiwanese American Organization

SKILLS

- *Programming Languages:* JavaScript, HTML, CSS, PHP, MySQL, Swift, C++, Python
- *Frameworks/Libraries:* React JS, jQuery/AJAX, Bootstrap 5.0, Git

PROJECTS

Gym Soul: Workout Logger – <https://github.com/vmuljo/gymsoul>

August 2022–December 2022

- Designed and built a workout logger full stack application using JavaScript, PHP, and MySQL to allow people to log, track, and save workouts to their accounts for proper workout organization.
- Created many-to-many table relationships using between workouts table and logged exercises table using MySQL and primary keys to store and retrieve logged workouts more efficiently.
- Utilized AJAX to maintain single page searching and fetching from MySQL database between frontend JavaScript and backend PHP for an improvement in user experience and interaction.

NBA Spaces: Chat Channels – <https://github.com/vmuljo/nba-spaces>

August 2022–December 2022

- Utilized React Router to maintain a client-side routing single page application and improve the user experience when routing to different teams and between chat spaces.
- Implemented a commenting system using React Router forms and Web Sockets to allow users to communicate with each other in real time within chat spaces.
- Created a modal reusable component with configurable props and children components to efficiently implement modals into the routes while having the flexibility to update or change the modal's body seamlessly

Q: Queuing System - <https://github.com/vmuljo/queuing-system-app>

May 2022–October 2022

- 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.

RELEVANT COURSEWORK

- Advanced Front-End Web Development, Back-End Web Development, iOS App Development, Software Design for EE (Data Structures and Algorithms), Computer Programming with C++

WORK EXPERIENCE

USC Village Recreational Sports – Gym Attendant

September 2022–Current

- Enforced gym safety rules to maintain positive and comfortable gym environment
- Adapted to rapidly changing gym environment through communication with front desk to ensure gym operations are working properly
- Controlled front desk operations to respond to and communicate with clients to ensure quality customer service is provided