

Victor Muljo

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EDUCATION

University of Southern California – GPA: 3.90/4.00

Los Angeles, CA

Bachelor of Science in Electrical and Computer Engineering

Expected: May 2023

Minor in Web Technologies and Applications

- *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++
- *Involvement:* Chinese American Student Association, Taiwanese American Organization, Recreational Sports Staff

SKILLS

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

WORK EXPERIENCE

Daily Trojan

Los Angeles, CA

Frontend Developer

November 2022–Current

- Developing interactive website featuring USC Football team's season with HTML, CSS & JavaScript to achieve an increase in traffic from the previous season.
- Collaborating with a multi-disciplinary team of developers, editors & designers to create dynamic content pages for game scores and related articles.
- Proactively worked with UI/UX designers to suggest layout changes to improve the website's user experience, resulting in increased user engagement and improved website metrics.

PROJECT EXPERIENCE

USC Keck Hospital Residency Database App – <https://residency-database-app.herokuapp.com/>

January 2023–May 2023

- Designed and developed a web application for Keck Hospital of USC using Laravel and MySQL as the backend, which effectively managed resident information and improved the hospital's workflow.
- Utilized Bootstrap, Laravel Requests, and Eloquent queries to implement a searching and filtering feature based on resident specific levels, resulting in a more efficient and user-friendly way to access resident information.
- Collaborated with hospital staff to ensure the app met their needs and requirements, continuously iterating and improving the app based on user feedback and resulting in a more effective tool for managing resident information.

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

August 2022–January 2023

- Developed a full stack application using JavaScript, PHP & MySQL to enable users to log, track and save workouts for effective organization.
- Constructed many-to-many table relationships between workout & logged exercise tables using primary keys to facilitate efficient data storage/retrieval; enabled 20% reduction of page loading time.
- Implemented AJAX technology between frontend JS and backend PHP for seamless single page searching/fetching from database, resulting in improved UX by 50%.

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

August 2022–December 2022

- Developed React Router-based single page application, enhancing user experience when navigating between teams and chat spaces by 30%.
- Created modal reusable component with configurable props & children components to reduce development time for modals by 25%, increasing efficiency of routing processes.