CALVIN LY

San Jose, CA

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EXPERIENCE

Web Developer (Contractor)   June 2019
Concrete Shells | San Jose, CA
- Redesigned and created a responsive website that scales beautifully on all devices.
- Communicated with the executive team to modify the front-end accordingly to the team's request.
- Built using HTML, CSS, jQuery, and JavaScript.

Software Engineer Intern   November 2018 - Present
IpserLab | San Jose, CA
- Refined the website and implemented CRUD operations for user functionality.
- Utilized AJAX and a REST API to send and retrieve data from the backend.
- Developed the front-end using HTML, CSS, Bootstrap, jQuery, and JavaScript.

PROJECTS

Anime Website   May 2019 - Present
HTML, CSS, Bootstrap, jQuery, JavaScript, React.Js, Firebase
- React web application to search for over thousands of animes that are pulled from an anime database (Jikan API).
- Implemented user authentication via sign up through email, Google, and Facebook.
- Incorporated a functionality to efficiently cache users' subscribed animes in Cloud Firestore.

Personal Website Portfolio   January 2019 - June 2019
HTML, SASS, Bootstrap, jQuery, JavaScript, Particles.js
- Developed to improve my front-end development skills, while also displaying my achievements and skills.
- Built a responsive website UI from scratch with interactive functionalities that are constantly being updated.

On-Board Tic Tac Toe   April 2018 - May 2018
Microcontroller, C
- Created a hands-on Tic Tac Toe game using a SJ One Board, LEDs, and a breadboard.
- Efficiently solved bugs with the board and code, while concatenating the software and hardware together in C.

EDUCATION

San Jose State University | Bachelor of Science in Computer Engineering   Expected May 2021
- GPA: 3.82/4.0
- Dean's Scholar: Spring 2018, Fall 2018
- Coursework: Calculus III Honors, Programming Concepts (C), Object-Oriented Concepts (C++), Assembly Language Programming, Algorithms and Data Structures, Intro to Circuit Analysis

SKILLS & INTERESTS

- Technical Skills: C, C++, Arduino, HTML/CSS, Bootstrap, JavaScript, JQuery, React.js, Firebase
- Soft Skills: Teamwork, Communication, Work Ethic, Adaptability, Problem Solving
- Interests: Playing games; socializing with friends; Reddit; watching anime; working out

ACTIVITIES

- *Marketing Chair* - Society of Asian Scientists and Engineers   August 2018 - May 2019
- *Member* - MESA Engineering Program   August 2018 - Present
- *Member* - Educational Opportunity Program   August 2017 - Present