Johnson Lai

626-265-4368   johnsonlai22@gmail.com   Portfolio   LinkedIn   Github

SKILLS
JavaScript, Ruby On Rails, React/Redux, MongoDB, Express, Node.js, CSS, SASS. HTML 5, AWS, PostgreSQL, AJAX, RESTful APIs, Object-Oriented Programming

PROJECTS

Internet Flicks | *(Ruby on Rails, PostgreSQL, React, Redux, SASS, AWS, Javascript)*   **live** | **github**
- Integrated AWS S3 with Rails Active Storage to reduce server load on back-end for video streaming and scalability for future expansion
- Utilized Redux cycle to dispatch actions to trigger pop-out component only when user required more information about content, making application more efficient
- Leveraged the CSS properties scale and translate along with :hover pseudo-selectors to keep UX/UI of index page and thumbnails clean and focused
- Arranged movie interface using event handlers to fade in and out depending on screen movement, improving user experience

Mood Booster | *(MongoDB, Express, React, Node.js, Javascript, CSS, AWS)*   **live** | **github**
- Filtered data on back-end with asynchronous functions and promises in router using user input received on front end to optimize server response time
- Implemented user-authentication by saving b-crypted password digest into database to not compromise user information while using passport to authenticate session token
- Leveraged MongoDB's non-relational database for faster look-ups by nesting data to model many-to-many relationships between users, comments, videos, photos, and quotes

Project Bound | *(Javascript, CSS, Canvas)*   **live** | **github**
- Applied animation frames to calculate delta time of the window to get frame by frame data making movement in every direction including diagonals fluid
- Implemented invulnerability frames and collision detection to create smooth interaction between objects
- Designed project using object-oriented programming for classes and class inheritance to ensure objects handled one specific function, allowing easy implementation of new independent objects in the future

EXPERIENCE

Account Coordinator
Wonacott Communications   Apr 2018 - Jan 2019
- Brainstormed and prepared feature pitches and events to garner interest from media outlets which converted to 100+ articles published about clients' products
- Spearheaded new initiative to establish relationships with hundreds of influencers to provide more coverage for clients through influencer social channels such as YouTube, Twitch, and Twitter
- Built and managed game publishers' social media platforms to increase community branding interaction

Communications Intern
UCSB Intercollegiate Athletics   Sept 2016 - Jun 2017
- Composed and published 60+ athletes' biographies on UCSB athletic webpage and designed programs using Adobe InDesign for mass distribution at home games
- Operated booth setup used for audience entertainment and acted as a liaison for both teams and referee

EDUCATION
University of California, Santa Barbara - *BA Communications, 2017*
AppAcademy - 16 week intensive web development bootcamp, *2019*