Justin Lieu

(661) 400-5812 • justinlieu06@gmail.com • Portfolio • LinkedIn • Github • San Francisco / Bay Area

SKILLS JavaScript, React.js, Redux.js, Ruby, Ruby on Rails, MongoDB, HTML5, CSS3, Git, SQL, jQuery, Java, C, C++, C#, Bash, Scala

EDUCATION

Software Engineering Certification
App Academy • San Francisco, CA • June 2019 - Oct 2019

Bachelor of Science in Computer Science
Santa Clara University • Santa Clara, CA • Sept 2017 - June 2019

PROJECTS

ViewTube (Ruby on Rails, PostgreSQL, React, Redux, CSS, Webpack, AWS, Heroku)   Live Site | Github
A single page YouTube clone where users can upload, watch, comment on, like, dislike, and search for videos   Sept 2019-Sept 2019
- Incorporated scalable object storage through image and video hosting that was integrated via AWS S3 and Rails ActiveStorage culminating in vast user frontend contributions
- Employed Active Record comparison methods to render relevant videos for search class component resulting in expeditious table lookups
- Protected video delete and updating functionality by referencing video authors via Postgres database

TravelPack (MongoDB, Express, React, Redux, Node.js, CSS, AWS, Heroku)   Live Site | Github
A travel app where users can join private groups, create schedules, events, and expenses, and upload photos   Sept 2019-Oct 2019
- Achieved user backend authentication utilizing BCrypt for password encryption, ensuring users can only access Mongoose models embedded under their confidential group
- Collaborated in team of four to design comprehensive travel web app built by MERN stack while also utilizing Git workflow and meticulous branching for safe, efficient Unit testing
- Formulated Node Express framework with Multer to upload files to AWS S3 concluding in photo sharing services for users

Coding Wizard (HTML, CSS, JavaScript)   Live Site | Github
A 2d 16-bit role playing single player game   Oct 2019-Oct 2019
- Created tile-based, object-oriented game including interactive map, scoring and life system, enemy entities, and vector calculated projectiles
- Developed map with HTML canvas that utilizes adjustable viewport to produce scrollable and scalable game mechanics

EXPERIENCE

Residence Hall Community Desk Assistant
Santa Clara University   Sept 2018 - June 2019, Santa Clara, CA
- Led safety and social events using faculty tools, combined budget, and online planning to promote positive community relationships
- Actively provided equipment and postal distribution along with optimized residential support including card reprogramming for over 600 students resulting in improved populace satisfaction

Media Services Specialist
Santa Clara University   April 2018 - April 2019, Santa Clara, CA
- Managed coworkers and oversaw clients in usage of AV, multimedia, and computer equipment to ensure comprehensive digital media service and support
- Executed effective troubleshooting, maintenance, assembly, and delivery for faculty and student organizations while coordinating with team of 50 to directly ensure productive university business and educational affairs

Teacher Assistant
Santa Clara Adult Education   Jan 2018 - March 2018, Santa Clara, CA
- Expedited teacher's curriculum by carrying out extraneous classroom management duties, including overseeing students and verifying educational progress leading to superior workflow and enhanced studious conditions
- Taught STEM subjects including Algebra and Biology in classroom environment to underprivileged minorities and adults with intellectual disabilities culminating in significant quantities of students acquiring high school diplomas