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#, Scala, Assembly, Matlab

EDUCATION

App Academy   San Francisco, CA
Software Development Curriculum   June 2019-Oct 2019

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

University of California, San Diego   San Diego, CA
Interdisciplinary Computing & the Arts Major   Sept 2015-June 2017

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, and search for videos
- Integrated upload form that appends video and image files to a form data object so files can be streamlined to AWS S3 for scalability and file upload services
- Implemented a video search React component via Active Record comparison methods to render relevant videos
- Developed modular modal component containing React links for an easier developer experience

TravelPack (MongoDB, Express, React, Redux, Node.js, CSS, AWS, Heroku)   Live Site | Github
A travel app where users can join groups, compare schedules, diverge expenses, and upload photos
- Collaborated on a team to design a diverse CRUD app while mastering Git workflow and safe, efficient branching
- Designed user back-end authentication with BCrypt for password encryption, and ensured users can only call delete HTTP request on Mongoose models embedded under the appropriate group
- Structured code to establish direct uploads to AWS from the Node.js backend

Coding Wizard (HTML, CSS, JavaScript)   Live Site | Github
A 2d 16-bit role playing gaming
- Created a tile based game where player battles against enemy entities that each have unique properties such as speed and direction
- Implemented viewport functionality that follows player through canvas calculations

EXPERIENCE

Santa Clara University
Residence Hall Community Desk Assistant   Sept 2018 - June 2019
- Provided mail services, equipment distribution, and residential support including card reprogramming for over 600 residents
- Led social events and responsible for safety events to promote positive community relationships

Santa Clara University
Media Services Specialist   April 2018 - April 2019
- Oversaw and trained clients and coworkers in usage of AV, multimedia, and computer equipment through troubleshooting, maintenance, set up, and delivery
- Provided effective client support and digital media service while consistently working with a team of fifty

Santa Clara Adult Education
Math and Science Teacher Assistant   Jan 2018 - March 2018
- Helped underprivileged and mentally disabled adults from a wide range of backgrounds achieve their high school diplomas
- Taught algebra, physics, chemistry, and biology in a classroom setting while assisting multiple teachers