Justin Lieu

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EDUCATION

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

Santa Clara University Santa Clara, CA
Bachelor of Science in Computer Science Sept 2017-June 2019
Cumulative GPA: 3.028
Relevant Coursework: Computer Networks, Intro to Info Storage, Programming Languages, Cryptography, Computational Complexity, Theory Automata & Languages I, Computer Security, Operating Systems, Theory of Algorithms, Intro to Embedded Systems, Abstract Data Types & Structures, Intro to Logic Design, Advanced Programming

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 image and video hosting via AWS S3 and Rails ActiveStorage that updates via form data derived from an upload component
- Employed Active Record comparison methods to render relevant videos for the search component, leading to efficient lookups
- Referenced video authors via Postgres database to limit video delete and updating functionality to appropriate users

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
- Collaborated in team of four to design comprehensive travel app while mastering Git workflow and safe, efficient branching
- Designed user back-end authentication utilizing BCrypt for password encryption, ensuring users can only access Mongoose models embedded under private group ensuring data confidentiality
- Formulated Node Express framework with Multer to upload files to AWS S3 while storing original file data into MongoDB

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 combat game including interactive map, scoring system, and vector calculated projectiles
- Developed map scrollability and scalability via viewport functionality and rendered with HTML canvas

EXPERIENCE

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

Santa Clara University
Media Services Specialist April 2018 - April 2019
- Oversaw clients and trained coworkers in usage of AV, multimedia, and computer equipment through troubleshooting, maintenance, set up, and delivery
- Provided effective professor and student support and digital media service while consistently working with team of 50

Santa Clara Adult Education
Math and Science Teacher Assistant Jan 2018 - March 2018
- Taught algebra, physics, chemistry, and biology in classroom setting to underprivileged minorities and adults with intellectual disabilities from diverse range of backgrounds with goal of obtaining high school diplomas
- Expedited teacher's curriculum by carrying out extraneous classroom management duties, including overseeing students and verifying educational progress

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