Simeon Lee

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Technical Skills

JavaScript	jQuery	React / Redux	Angular	Node	Express
HTML	Sass/SCSS	Socket.io	Gulp	MongoDB	MySQL

Software Engineering Projects

Journey, Software Engineer
Web and Alexa journaling application that cultivates mental wellbeing
- Built analysis engine for user-input data fed through Google's Natural Language API to surface insights to user
- Utilized D3 in React-friendly patterns to have NLP analysis data drive the rendering of front end DOM elements
- Implemented React Hot Loader and BrowserSync to speed up development by reducing codebase compilation time
- Used SCSS preprocessor and SMACSS best practices to have greater developer organizational control over styling

Scavenge, Software Engineer
Real-time city-wide scavenger hunt creation and management tool
- Implemented Socket.io to enable real-time multiplayer gameplay
- Optimized group workflow using Gulp to automate and shorten preprocessing and minification build steps
- Architected user and game controllers utilizing Sequelize to manage MySQL's relational contexts
- Implemented hooks into social networking APIs to generate real-time location data for user scavenger hunts

Memly, Software Engineer
Social media platform for tagging geographic coordinates with images and videos
- Architected front end using React to modularize components and Redux to decouple widely-used states from views
- Configured image file system in AWS S3 for scalability and redundancy benefits resulting in ease of serving users
- Heavily modified Google Maps API assets utilizing CSS animation to prioritize an intuitive image discovery experience

Flirter, Software Engineer
Dating and networking application with map-based UI
- Utilized responsive front end design practices to allow for a mobile web user experience
- Integrated Facebook authentication to reduce cognitive load in personalizing user interaction
- Implemented a real-time messaging interface utilizing Socket.io's event-based transmittal capabilities
- Utilized Mongoose to introduce defined schemas and validation on top of MongoDB

Professional Experience

RBC Capital Markets, Investment Banking Analyst   2014 - 2016

Education

Hack Reactor, Advanced Software Engineering Immersive Program   2016
University of Southern California, B.S. in Business Administration and Master's Degree in Accounting   2014
- Academic Scholarship Recipient, Dean's List (All Semesters)

Personal

- Avid fitness enthusiast passionate about olympic weightlifting and CrossFit workouts
- Loves traveling the world to explore different cultures and has solo backpacked around Europe twice