Michael Li

📞 (415) 713-6818 • ✉ MichaelLi.sw.eng@gmail.com • 🔗 linkedin.com/in/mikeli-96
🐙 github.com/MichaelLi-96 • 🏠 michaelli.dev

EXPERIENCE

Explorify - Fullstack Engineer Github | [App](App)   **Feb 2020 - Mar 2020**
- Developed a music streaming web application inspired by Spotify that enables users to browse and discover artists, albums, and songs, or create their own personal playlist.
- Created an audio player without external packages or libraries using DOM event listeners and Redux.
- Established user authentication and sessions using expirable JSON Web Tokens.
- Designed RESTful APIs enabling the exchange of data between the front-end client and back-end server.
- Utilized: MERN stack, JavaScript, HTML, CSS, Redux, JSON Web Tokens, Git, Heroku, AWS S3

csBasics - Fullstack Engineer Github | [App](App)   **Sep 2019 - Oct 2019**
- Built a web application that teaches users the fundamental topics of computer science and java based programming.
- Developed a sorting visualizer that implements 6 different kinds of sorts and displays real time sorting.
- Tested front-end in multiple browsers and dimensions to ensure cross-browser compatibility and responsiveness.
- Utilized: MERN stack, JavaScript, HTML, CSS, P5.js, Git, Heroku

Reservation System - Java Developer Github | Docs   **Nov 2018 - Dec 2018**
- Collaborated in a team of 3 students to develop a console-based movie ticket reservation system application by incorporating SQL database queries.
- Leveraged object-oriented programming to refactor admin and user SQL queries into Java classes and methods.
- Contributed to the user friendly client side interface and was responsible for white/black box testing.
- Utilized: Java, mySQL

UniRooms - Lead Frontend Engineer Github | Demo   **Jan 2018 - Dec 2018**
- Led a team of 4 students in the frontend design and development of a mobile application that helps university students find housing and roommates near their school campus.
- Designed the user interface/experience (UI/UX) by creating visual prototypes/mock-ups for each application screen.
- Implemented the front-end and integrated node packages from design, test, and up to production deployment.
- Utilized: React Native, Firebase, Node.js, JavaScript, HTML, CSS, Git

SKILLS

Programming Languages: Java, JavaScript, Python, PHP, C++, HTML5, CSS3
Libraries and Frameworks: React, React Native, Node.js, Express, Ruby on Rails, Redux, P5.js, Jest, openFrameworks
Databases: MongoDB, mySQL, Firebase
Version Control and Hosting: Git, Heroku
AWS and Enterprise Software: S3, EC2, Lambda, API Gateway, Ansible
Design and Visualization: Adobe Photoshop, Figma, Justinmind, Tableau

EDUCATION

Bachelor of Science, Software Engineering   **Aug 2014 - Dec 2018**
San Jose State University - San Jose, CA

RELEVANT COURSEWORK

Object Oriented Design	Data Structures and Algorithms	Database Management Systems
Server Web Programming	Computer & Human Interaction	Enterprise Software
Software Eng. Process Management	Information Security	Operating Systems
Software Quality Engineering	Computer Organization & Architecture	Computer Networks