Michael Li

(415)-713-6818 | MichaelLi.sw.eng@gmail.com | https://www.linkedin.com/in/mikeli-96/ |
https://github.com/MichaelLi-96 | https://michaelli-96.github.io/Portfolio/

EDUCATION

San Jose State University, San Jose, CA   **Fall 2014 - Fall 2018**

Bachelor of Science in Software Engineering

RELEVANT COURSEWORK

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

SKILLS

- **Programming Languages:** Java, C++, PHP, JavaScript, HTML, CSS
- **Libraries & Frameworks:** React, React Native, Node.js, Express, Ruby on Rails, P5.js, openFrameworks
- **Databases:** MongoDB, SQL, Firebase
- **Version Control & Hosting:** Git, Github, Heroku
- **Design & Visualization:** Adobe Photoshop, GanttProject, Justinmind, SolidWorks, Tableau, UML

PROJECTS

Portfolio Website Github | App
- A site to display my background information, projects, skills, and contact links.
- Built with HTML, CSS, JavaScript.

csBasics Github | App
- An application that teaches you the fundamental topics of computer science and java based programming.
- Users are able to learn about object-oriented programming, data types, data structures, algorithms, big-o notation, and sorting.
- Has a built in sorting visualizer that implements 6 different kinds of sorts.
- Coded with responsiveness in mind. Looks great on any size viewport such as desktop or mobile.
- Built with MERN (MongoDb, Express, React, Node.js) stack, JavaScript, HTML, CSS, P5.js.

UniRooms Github | Demo
- A cross platform mobile application that helps university students find housing and roommates near their school campus.
- This application was a university senior project achieved by a team of four people.
- I had the role of designing the user interface/experience and implementing the front-end.
- Built with React Native, Firebase, Node.js, JavaScript, HTML, CSS.

Movie Ticket Reservation System Github | Docs
- A console-based movie ticket reservation application that incorporate database queries.
- Users and admins can call upon these database queries to create, read, update, and delete data from tables of the database.
- This application was the final project of the Introduction to Database Management Systems course and was achieved by a team of three people.
- Built with Java and SQL.

Stickman Survival Github | Demo
- A 2d survival shooter style game from scratch based on the theme of the "space invader" style games of the past.
- Leveraged object-oriented and 2D graphics capabilities while applying the basics of game interaction using handmade sprites, rudimentary collision detection, and basic animation.
- Built with C++ and openFrameworks.

EXPERIENCE

HALLMARK AVIATION, San Francisco, CA   **March 2019 - Current**

Airline Customer Service Agent
- Perform duties such as checking in passengers, verifying flight information and passenger documentation, assisting passengers, and resolving issues to ensure on-time departure.
- Demonstrate communication skills by interacting with passengers and crew.