

# Michael Li

(415)-713-6818 | MichaelLi.sw.eng@gmail.com | <https://www.linkedin.com/in/mikeli-96/> | <https://michaelli.dev/>

## EDUCATION

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**San Jose State University, San Jose, CA**

**Fall 2014 - Fall 2018**

Bachelor of Science in Software Engineering

## RELEVANT COURSEWORK

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- 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

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

## PROJECTS

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**Explorify** [Github](#) | [App](#)

- A music streaming web application inspired by Spotify.
- Created an audio player without the help of any packages or libraries and established user authentication using JWTs.
- Designed RESTful APIs enabling data to be exchanged between the front-end client and back-end server.
- Built with MERN (MongoDb, Express, React, Node.js) stack, JavaScript, HTML, and CSS.

**csBasics** [Github](#) | [App](#)

- 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.
- Built with MERN (MongoDb, Express, React, Node.js) stack, JavaScript, HTML, CSS, and P5.js.

**UniRooms** [Github](#) | [Demo](#)

- A mobile application that helps university students find housing and roommates near their school campus.
- Designed the user interface/experience (UI/UX) by producing visual prototypes/mock-ups for each application screen.
- Implemented the front-end and utilized JavaScript packages from design to test and up to production deployment.
- Built with React Native, Firebase, Node.js, JavaScript, HTML, and CSS.

**Movie Ticket Reservation System** [Github](#) | [Docs](#)

- A console-based movie ticket reservation application by incorporating database queries.
- Established admin and user database commands/queries to create, read, update, and delete data.
- Refactored SQL queries into Java by writing Java methods for each query.
- Built with Java and SQL.

## EXPERIENCE

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**Hallmark Aviation Services, San Francisco, CA**

**March 2019 - March 2020**

*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 teamwork and communication skills by interacting with coworkers, passengers and crew.