

Liam Li

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EDUCATION

San Jose State University

Expected Graduation: Dec. 2020

B.S. Software Engineering

GPA: 3.4/4.0

Relevant Courses: Data Structure and Algorithm, Object-Oriented Programming and Design, Operating System, Computer Organization and Architecture, Computer Networking, Software Quality Testing, Database Management, Linear Algebra, Assembly Language

SKILLS

Language: Java, C/C++, HTML/HTML5, CSS/CSS3, JavaScript (ES6), SQL

Frameworks / Technologies: Angular 6+, React/React Native, Node.js, Express.js, ELK Stack, Postman

EXPERIENCE

Software Engineering Intern, Moody's Analytics – San Francisco, CA

06/2019 to 08/2019

- Used **Java Swing** to build a hotfix packager generator, assisted developers spending less time finishing hotfix requests, from about 15 minutes to less than 5 minutes.
- Used **Elasticsearch**, **Logstash** and **FileBeat** to collect and analyze the log files that produced by customer software analytics and presented as **Kibana**.
- Created the **Java Elasticsearch Client** that has the ability to generate the report by the time, logging levels and full-text search, as well as having the option to save the report locally or sharing via Email.

Front-end Engineer, Ambii – San Jose, CA

09/2018 to 05/2019

- Enhanced the capability and design of the social music jukebox platform by coding features such as navigation, user profile and recommended songs using **HTML**, **CSS**, **TypeScript** and **Angular 6**.
- Worked closely with the team to improve the testing suite using **Jasmine** and **Karma**.
- Shortened development update cycle to release important features faster.
- Improved user experience by rebuilding the homepage alongside the UI/UX designer.

PROJECT

Stock Data Aggregation Web-App, Database Management, SJSU

09/2019 to present

- Used **Node.js**, **Express.js**, and **React** to implement a three-tier web application that displaying Stock Data that derived by **MySQL**.
- Structured the application with many features including stock watchlist and searching by stock API.
- Understood the database management application with practicing the CRUD and **Node MySQL Module**

Every Receipt, Software Engineering II, SJSU

02/2019 to 05/2019

- Used **React Native** to developed **Android** app that can keep tracking the user's receipts by scanning the camera or adding the receipt information manually.
- Developed multiple functional requirements based on the documentation of application design.
- Understood the difference between Angular application and React Application.

Google Search Engine Simulator, Data Structure and Algorithm, SJSU

10/2018 to 04/2019

- Used and compared multiple sorting algorithms to improve the sorting efficiency of sorting result.
- Used **JavaFX** to create the User Interface to display the search results and features such as displaying URL, Website Title, and randomize PageRank Score after clicking the search button.
- Compared the time complexity, space complexity by trying different data structure implementation.