



MARK JANG

Email: markjangdev@gmail.com

< [PORTFOLIO](#) | [LINKEDIN](#) | [GITHUB](#) />

SOFTWARE ENGINEER

SKILLS

JavaScript, React, Redux, HTML, CSS, Ruby, Ruby on Rails, MongoDB, Node.js, Express.js, SQL, SQLite3, PostgreSQL, Webpack, jQuery, Git, Heroku, AWS

PROJECTS

SOCIAN - A BANDCAMP CLONE

[LIVE](#) | [GITHUB](#)

VIRUS - A BULLET HELL GAME

[LIVE](#) | [GITHUB](#)

JOB PLS - A JOB APPLICATION TRACKER

[LIVE](#) | [GITHUB](#)

EXPERIENCE

EDUCATION

SOFTWARE ENGINEERING

App Academy

Nov 2020

BACHELOR'S OF MUSIC, COMPOSITION (CUM LAUDE)

San Francisco State University

Spring 2019

(Rails, React, Redux, Git, Heroku, JQuery, PostgreSQL, Javascript , AWS)

- Planned out the components needed for the project in order to be as efficient as possible to avoid re-rendering any unnecessary components thus saving space and time.
- Leveraged the Redux store to give the search functionality the ability to re-render the page with the newly selected album information allowing the user easy access to it.
- Utilized the controlled input through React to make the player bar interactable, giving the user the ability to play a song at any specific time.

(Vanilla Javascript, HTML5, CSS3, Webpack)

- Optimized animation performance by feeding all animations through a single loop, allowing for smooth gameplay and easy to manage, centralized code.
- Took advantage of CSS Flexbox to make elements adapt to different screen sizes, allowing for a consistent user experience.
- Used object oriented programming best practices to design a modular system with centralized API's so game balance could be adjusted and tested quickly.

(MongoDB, Express, React, Node, Axios, Jooble API)

- Implemented user follows, giving the app a crucial social network aspect leveraging other users for social proof and networking.
- Created an editable form within a modal, providing important functionality that allowed users to update their jobs.
- Translated the user interface to use integers in the backend, improving both the user and developer experience..

Music Teacher - Exploring Music

Nov 2019 - Jul 2020

- Managed a roster of 14 students per week, including 10 one-on-one students and a group class of 4 students
- Created and implemented individualized lesson plans resulting in increased learning and engagement
- Enhanced students' understanding of music theory through professional resources including Kodaly pedagogy and improvisation sessions
- Grew the company customer base by 10% through positive referrals