

# Tyler Tsunekawa

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Portfolio: [Linkedin](#) [GitHub](#)

## Skills

React.js, Redux, JavaScript, HTML5, CSS3, Ruby, Ruby on Rails, jQuery, SQL, postgresSQL, AWS, Heroku, Webpack, Express, MongoDB, Git, Node.js, SASS, Canvas, Socket.IO

## Projects

### Snoozer Fantasy Football App

[live site](#) | [github](#)

Ruby / Rails , React / Redux , Javascript , WebPack , CSS3 , Heroku , PostgreSQL , HTML5

#### *Pixel Perfect Clone of Sleeper Fantasy Football App*

- Ensured user privacy through frontend and backend authentication measures and React Router, allowing users to only access the leagues that they are a part of by using Authorized and Protected routes.
- Designed league creation to instantiate x amount of teams, assign them to the league id and then leave them their associated user ids null. These teams will be assigned through invite links, a custom route on the rails backend.
- Through the usage of React-redux, incorporated a highly interactive, multi-tabbed, single-page app.

### Moonless Night

[live site](#) | [github](#)

JavaScript , Node.js , Express , Socket.IO , HTML5 , CSS3 , Git , Heroku , Canvas

#### *A fully interactive JavaScript and HTML5 Canvas online 2-player survival game*

- Integrated Socket.IO to allow for bidirectional server to client communication in real-time. Using the sockets allowed us to incorporate a multiplayer experience that enables users to interact with the game environment as well as each other.
- Utilized Canvas to render sprites and implemented code to animate sprites using sprite sheets.
- Built logic for collision, player/object and player/player interaction through usage of Object-Oriented Programming

## Experience

### Education Coordinator | June 2018 - Jan 2019

San Francisco Symphony

- Maintained the Education Department's database that included all schools, teachers and students numbers in the SFUSD.
- Oversaw, coordinated, and managed the Resource Distribution project which includes the receiving, repackaging and shipment of over 100,000 materials to every school in San Francisco Unified
- Streamlined data gathering through digitizing forms, increasing efficiency by 70%.

### Music Director | May 2017 - Present

Trilogy Resorts

- Directs and performs at monthly Music Appreciation performance lectures that educate an older audience to a variety of instruments and styles

## Education

### App Academy | Spring 2019 | San Francisco, CA

Immersive software development course with focus on full stack web development

### Boston Conservatory | Spring 2017 | Boston, MA

Master of Music Performance, Marimba