

SKILLS JavaScript, React, Redux, HTML, CSS, Python, Ruby, Ruby on Rails, Mongoose, MongoDB, Node.js, Express.js, SQL, SQLite3, PostgreSQL, AWS S3, Webpack, jQuery, Git, Heroku

PROJECTS

AllJourneys | (React/Redux, Rails 5, AWS S3, Mapbox API, PostgreSQL, Heroku)

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

A full-stack single-page app clone of AllTrails, allowing users to browse and review their favorite hikes and parks.

- Implemented custom live text search functionality using Redux and AJAX requests to query PostgreSQL database and return relevant trail and park results to the user.
- Harnessed the unidirectional state management of Redux to simplify React components and directly manage data for form submissions, allowing user input to seamlessly be sent to the backend.
- Built custom back and front end user authentication by combining Rails Active Record, and customized React-Router protected components, making for a secure experience that conceals parts of the application for users without an active session.
- Connected the Rails back end Active Storage to Amazon Web Services S3 for photo storage and organization while maintaining content security with Amazon Web Services IAM
- Integrated MapBox APIs for map rendering, static images, & directions to create a seamless user experience

Visualize the Tokyo 2021 Olympics | (JavaScript, D3)

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

A vanilla JavaScript data visualization displaying various statistics on the 2021 Tokyo Olympic Games

- Created geographical heat map and stacked bar chart with D3.js library to visualize the medal distribution of the 2021 Olympic games.
- Implemented hover functionality through the use of event listeners, granting users the ability to view medal count of each country with enhanced precision.
- Incorporated JavaScript classes with numerous instance methods and built several helper functions, resulting in clean and organized object-oriented code.
- Manipulated DOM elements to dynamically visualize different datasets based on user input.

Beat Match | (MongoDB/Mongoose, Express.js, React/Redux, Node.js)

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

A MERN stack team project in which playlists are curated for users based on their current mood.

- Designed MongoDB database in conjunction with Express routing methods, enabling users to save and delete playlists.
- Collaborated with frontend developers to successfully retrieve playlist information from the Spotify API, allowing users to listen to playlists directly on the application.
- Directed team to maintain a unified UI/UX across the entire application and maintain communication using Discord.

EXPERIENCE

Operations Associate

Finsight Group

Oct 2019 - July 2021

- Present a monthly report to COO on the status of financials which details products and clients bringing in the most revenue compared to clients that are not paying their bills and where the company has excess spending.
- Created a system for outreach and record keeping that brought outstanding client invoices from 400+ to under 100 within 4 months.
- Developed mastery of product knowledge within a month and was put on the QA testing team with the founders of the company and provide comprehensive demos to clients on a weekly basis.
- Recorded, directed and edited video roadshows for multiple IPO's and bond securitizations including brands like Reynolds, Purple and OneConnect.

EDUCATION

SUNY Binghamton - BA Mathematics, BA Economics, 2015-2019

AppAcademy - 1000+ hour immersive full stack software engineering course with a < 3% acceptance rate.