

SKILLS JavaScript, Python, PostgreSQL, React, Redux, Express, Sequelize, Flask, SQLAlchemy, HTML, CSS

PROJECTS

Leverage | (React, Redux, Flask, SQLAlchemy, PostgreSQL, Docker)

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

A Robinhood-inspired web application in which users can trade stocks alongside their friends.

- Integrated an external financial data API, IEX Cloud, to fetch JSON-encoded responses for populating stock and company details in order to provide users with up to date asset and portfolio value information.
- Designed a backtracking algorithm to backfill historical stock price data during periods of stock and market inactivity in order to render seamless time series data utilizing Recharts, a React charting library.
- Established a self-referential many to many relationship in the SQLAlchemy object-relational mapper to create association tables for capturing the social features of the application, such as friends and friend requests.

Whereabouts | (React, Redux, Flask, SQLAlchemy, PostgreSQL, AWS, Docker)

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

A choose-your-adventure web application in which users can explore and share about randomly generated locations.

- Utilized the Google Maps API in conjunction with a geographical coordinate randomization algorithm to present users with maximum radius bound locations to visit and share with their followers.
- Connected the Flask backend to AWS S3 for photo storage and organization to manage user image uploads, reduce server loads, and enhance scalability.
- Normalized state shape in Redux and used slice reducers to organize the state tree to more intuitively dispatch thunks to render data on the frontend.

Court Reserve | (React, Redux, Express, Sequelize, PostgreSQL)

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

An Airbnb-inspired web application for booking tennis courts to allow users to play when and where they want.

- Implemented a search feature using Redux and database query operations in the Sequelize object-relational mapper to allow users to filter for tennis courts in their particular cities.
- Secured user permissions through the use of JSON Web Token-based authentication and custom middleware functions to verify user identity.

EXPERIENCE

Senior Financial Analyst

Sysco Corporation

Oct 2020 - May 2021

- Forecasted revenue and gross margin expectations in conjunction with FP&A teams for US Broadline companies totaling \$48+ billion in annual revenue, providing category and customer type level expectations.
- Originated an initiative to deliver \$20MM+ in cost of goods savings through a comprehensive inventory management strategy to reduce spoilage and optimize demand planning.
- Introduced the 12-member commercial finance team to new technologies such as SQL and Tableau to improve team literacy of data extraction and visualization tools.

Financial Analyst

Sysco Corporation

Aug 2019 - Oct 2020

- Overhauled weekly reporting to provide more concise and effective insights regarding business performance to executive leadership, building dashboards and automating extract refresh tasks utilizing Tableau to increase efficiency of recurring reporting by 80%.

EDUCATION

App Academy - Rigorous 1000-hour software development intensive with a <3% acceptance rate, 2021

Rice University - BA Economics, 2015 - 2019