

**SKILLS** Javascript | React | Redux | HTML | CSS | Python | Flask | Express | SQL | PostgreSQL | SQLAlchemy | Sequelize | Alembic | Pug | Git | Jinja | Docker | Node.js

## PROJECTS

**Finstagram** (React/Redux, Python, Flask, PostgreSQL, SQLAlchemy)

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

A photo sharing site inspired by Instagram where users can share photos and post comments.

- Reduced the number of fetch calls and shortened loading times by conducting constant time state changes using a normalized Redux store state.
- Users can control their own posts and comments when credentials are satisfied, with user privacy being guaranteed through frontend and backend authentication mechanisms.

**Robinsock** (React/Redux, Python, Flask, PostgreSQL, SQLAlchemy)

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

A Robinhood clone that allows users to use fake money to simulate a real investment account, grabbing real time stock information.

- Collaborated with a team of 4 web designers to create sleek and innovative UI design.
- Integrated backend API routes to receive real time stock data from the Finnhub API to display to the frontend and allow users to buy or sell stocks.
- You can simulate adding money to your Robinsock account, as well as simulate selling and track your balance over time.

**LairBnB** (React/Redux, Node.js, Express.js, PostgreSQL, Sequelize)

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

An Airbnb inspired app that allows users to post, book, and review spots.

- Utilized Redux to build single-page applications by preserving user session states to dynamically render React components in response to user input without refreshing the page.
- Designed an intuitive and smooth UI with React.js and used Redux for global state management, leaving users with a dynamic and truly single page application.
- Ensured user privacy through frontend and backend authentication measures, allowing users to manage their own spots and bookings when credentials are met.

**Catuora** (Javascript, Pug, CSS, Express.js, Sequelize, PostgreSQL)

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

Influenced by Quora, Catoura is a forum that allows cats to post questions and answers.

- Collaborated with a team of 4 web developers to create sleek and innovative UI design utilizing vanilla Javascript, Pug, and CSS.
- Rendered data retrieved from the database and generated reusable HTML using the PUG templating engine.
- Produced quick and dynamic DOM manipulation while working within the limitations of using only CSS and Javascript.

## EXPERIENCE

### Educator

Swing Education / Newark Unified School District (Newark, CA)

Oct 2015 - Mar 2020

- Fulfilled short-term and long-term substitute teaching requirements for all subjects in K-12 age groups. Received 98% positive feedback from teachers.
- Implement teacher lesson plans to optimize students' understanding of curriculum material. Completed daily reports to communicate relevant information to other teachers and staff.

### Tutor

Gem Rays Tutoring Center (Fremont, CA)

Sept 2014 - July 2015

- Assisted elementary school students with homework of all subjects, and supplemental curriculum drastically increasing their test scores.
- Hired as a private tutor for struggling students and improved their test scores and grades drastically from C averages to A in math and science.

## EDUCATION

App Academy - Fullstack Software Development Program | 2022

University of California, San Diego - BA Communications | 2014