

SKILLS

Languages: JavaScript, Python, SQL, HTML, CSS

Frameworks/Tools: React, Redux, Express, Flask, Sequelize, SQLAlchemy, PostgreSQL, SQLite3, Docker

Key Skills: Pair Programming, Object Oriented Programming, Scrum methodologies

EDUCATION

App Academy

Immersive online full-stack web development bootcamp, 2022

Oregon State University, Corvallis, Oregon

Bachelor of Science - Computer Science, 2018-2020

Curriculum Highlights: Data Structures, Analysis of Algorithms

University of Texas at San Antonio, San Antonio, Texas

Bachelor of Science - Biology, 2011-2015

PROJECTS

Large | (JavaScript, React, Redux, Python, Flask, SQLAlchemy, SQL, PostgreSQL, HTML, CSS, Docker)

[Live](#) | [GitHub](#)

Medium clone where users can create posts and interact with posts using responses and applause.

- Created custom modal framework using React component architecture allowing for efficient development of new modals
- Used React to implement scroll effects for elements on multiple pages creating a dynamic site
- Designed and implemented a system using JavaScript timeouts to delay certain database requests which reduced the overall number of database calls and improved performance
- Utilized HTML and CSS hover transitions to show a user's profile card and make the site more interactive

Task Maker | (JavaScript, React, Redux, Python, Flask, SQLAlchemy, SQL, PostgreSQL, HTML, CSS, Docker)

[Live](#) | [GitHub](#)

A group project and task management clone of Remember the Milk that allows users to create and organize tasks.

- Developed an efficient algorithm to determine which tags to add and remove when updating tags related to a task for improved time efficiency
- Constructed a unidirectional data flow architecture with a single application-level state object to prevent mutated state and data collision, and to ensure reliable DOM rendering
- Implemented dynamic search functionality using tasks stored in Redux state to display responsive search results
- Designed and created Python backend API utilized by development team that allows users to easily interact with database

LairBnB | (JavaScript, React, Redux, Node.js, Express, Sequelize, SQL, PostgreSQL, HTML, CSS)

[Live](#) | [GitHub](#)

An Airbnb clone that allows users to manage and review spots.

- Integrated AWS S3 for image storage allowing users to easily upload and manage images for their spots
- Configured the Node backend with PostgreSQL, using the Sequelize ORM for validations and database queries
- Utilized Express middleware and React components to create a seamless user experience during authentication process and app navigation
- Used CSS media queries on certain pages to create a responsive layout for a better user experience on different devices

EXPERIENCE

Real Estate Mortgage Processor, USAA

Jan 2017 - May 2018

- Managed a loan pipeline of 15 loans from origination to closing with an average customer satisfaction score of 4.4 out of 5
- Collaborated with borrowers and other departments to ensure that loan applications were accurate and supporting documentation was provided in a timely manner in order to fulfill the loan early or on the desired date