

SKILLS: Python, JavaScript, React, Redux, SQL, HTML5, CSS, Webpack, Postgres, Sequelize, Heroku, Render, Websockets, Flask, Flask SocketIO, Git workflow, TDD (Mocha, Pytest), front-end, back-end, agile, scrum, functional programming

EXPERIENCE:

Contract developer

Scale.AI via Remotasks

Aug 2023-

- Collaborated with a team of more than 20 to edit and optimize code produced by an AI model, improving functionality and performance by addressing bugs and inefficiencies.
- Demonstrated proficiency in Python, JavaScript/TypeScript, SQL, React, Rust, Go, HTML, and CSS, utilizing this diverse tech stack to effectively work on AI projects.
- Actively researched and referenced the documentation of third-party APIs (including Pytorch, TKinter, and VOSK), as well as libraries to enhance the AI model's capabilities and stay up-to-date with industry trends.

Licensed stockbroker

TD Ameritrade

Dec 2021 - Mar 2022

- [Worked as a Series 7 and 63 licensed stockbroker](#), handling a variety of client needs for portfolios up to several \$MM in size including but not limited to trades, technical support, and general questions about financial instruments
- Assisted clients with financial and administrative needs in a fast-paced environment by providing support and information in an efficient and personable manner

PROJECTS:

Storm Javascript, ReactJS, Python, Flask/SQLAlchemy, Node.js

[Live](#) | [Github](#)

Storm is a web app inspired by Steam where users can purchase and review games, as well as add and message friends

- Created a cart feature using React and Redux with contents stored in a PostgreSQL database to ensure persistence across multiple devices for users
- Made heavy use of componentization to ensure that React app is both easy to maintain and modify, as well as highly modular for easy scaling
- Improved on previous design work in Eriscord in order to make efficient and seamless messaging between users using websockets

Eriscord Javascript, ReactJS, Python, Flask/SQLAlchemy

[Live](#) | [Github](#)

Eriscord is a group developed full stack Discord clone complete with web socket functionality for live messaging

- Collaborated with colleagues to design a Router that efficiently conditionally renders React components based on the current URL to create an effective single-page app
- Co-designed and created a custom combination of an API and a Redux store architecture in order to efficiently deliver data for frontend developers to use in creating a smooth end-user experience.
- Implemented a combination of websockets and an API to ensure seamless messaging between users in real-time, while simultaneously ensuring persistent chat history in a PostgreSQL database.

AirDnD Javascript, ReactJS, Sequelize/Express, Html

[Live](#) | [Github](#)

AirDnD is a fantasy and sci-fi-inspired AirBnB clone

- Utilized custom authentication in tandem with frontend and backend validations to ensure only authorized users are allowed to make changes to certain aspects of listings, enabling a smooth and intuitive end user experience
- Implemented an efficient Redux state shape in order to provide a smooth user experience as data is efficiently managed via queries to a PostgreSQL database
- Utilized modern CSS in coordination with functional React.js in order to provide a responsive and sleek interface which matches the target site's UX

EDUCATION:

AppAcademy - 2022 - Intense, 1000 hour, 24-week Full stack bootcamp specializing in web development

McGill University - BA Economics, 2016-2021