

Dylan McDougall

FULL STACK SOFTWARE ENGINEER

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SKILLS

LANGUAGES: Javascript, Python

FRAMEWORKS: React, Node.js, Express.js, Flask

OTHER: Agile, REST, TDD, OOP, Scrum, WebSockets, Docker

DATABASES: SQL/Postgresql, SQLite3

TOOLS: Git, HTML5, CSS3, AWS S3, Redux, Sequelize, SQLAlchemy

PROJECT EXPERIENCE

Para-Social >> Javascript, Node.js, Express.js, Sequelize, AWS S3, PostgreSQL, WebSockets, React, Redux

[GitHub](#) > [Live](#)

A Fanhouse/Discord inspired social media application designed to connect creators to their audience while fostering a sense of community.

- Integrated WebSockets using ws, a Node.js based websockets library, to provide near instantaneous communication between users that is ~76% faster than traditional HTTP requests at high traffic.
- Utilized AWS S3 to allow users to upload and store images, converting the image name into a randomized 32 byte string to prioritize user and app security.
- Devised a clean component and state structure, via React and Redux, in order to employ industry best practices and ensure minimal overhead.

Purrfolio >> Python, Flask, SQLAlchemy, Javascript, React, Redux, Alpaca API, Media Queries

[GitHub](#) > [Live](#)

A paper stock trading application utilizing real world data of the top 100 most traded stocks on the US stock exchange.

- Led a team of 3 developers in the planning and execution, ensuring efficient git pull and push practices in order to minimize and resolve merge conflicts.
- Crafted the Flask backend and initial seed data, using Alpaca API in order to seamlessly seed the database with top 100 real world data in a single API call.
- Restructured the initial styling of the application to ensure adaptable and responsive UX and UI.

WORK EXPERIENCE

Victoria's Secret > Fresno, CA

October 2015 – December 2023

Supervisor

Sales and Support Generalist

- Held sole ownership of a product category that makes up 15% of the company's sales in a location that grosses \$15 million in sales annually.
- Cultivated fellow associates and new management alike, fostering an environment of quality store standards and organization.
- Successfully led backroom planning to prioritize store health and ensure consistent flow of merchandise entering the holiday season, when product exceeds available space, in order to achieve sales goals and prevent bottlenecks.

EDUCATION

APP ACADEMY >> Full Stack Web Development

Completed December 2023

Completed App Academy's 1000+ hour part-time web development bootcamp curriculum, which boasts a mere 3% acceptance rate. Through this experience I learned foundational computer science and honed industry best practices to enable me to succeed as a full stack software engineer.

ADDITIONAL EXPERIENCE

Amateur Esports Coaching

2020 - 2022

League of Legends

- Designed an environment in order to facilitate growth and learning across 4 different teams of 5 individuals each at the amateur level.
- Led teams in review to discuss weaknesses, pain points, teach and review concepts, and foster a healthy mindset.