

Jacob Grooms

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SKILLS Python, Golang, JavaScript, PostgreSQL, Git, React, Redux, Sequelize, Express, SQLAlchemy, Flask, HTML5, CSS3

EXPERIENCE

Software Engineer Intern

Gigasheet, June 2021 - Present

- Contribute production code to a seed-stage cyber security startup, while working on a small team of less than 15 engineers.
- Learn Golang from scratch to work with very large data sets, totalling up to a billion entries per file.
- Implement features and performance optimizations for our in-house threat database utilizing Python.
- Refine the tests currently in place, and ensure quality of new functions by writing pytest tests with MagicMock.
- Save valuable development time by planning ahead and researching solutions to every task before beginning to code.
- Work in a 100% remote environment, communicating through video calls and Slack.

Shift Manager

Jimmy John's, November 2019 - June 2020

- Oversaw a small team of 12 people, serving on average 300 cars and 150 walk-in customers per shift.
- Coordinated deliveries to keep our times as low as possible and ensure a great customer experience in an area that accounted for 40% of our business.
- Managed time effectively to prep all veggies each morning before open, based on sales.
- Handled cash at the end of the shift, entered sales reports into the corporate system, and gave the incoming manager a run-down of all sales and any issues that arose during the shift.

PROJECTS

Crafty

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

A storefront inspired by Etsy (React, Redux, Flask, Boto3 / Amazon S3, Javascript, Python, SQLAlchemy)

- Incorporated forms that allow creators to list all details about their product, as well as easily edit them.
- Designed a shopping cart with localStorage, allowing the cart to persist beyond a session, and cut down on API calls.
- Expanded upon previous Redux implementations to make it the single source of truth application-wide.
- Focused on a positive user experience by filling out the edit forms with information already stored in the database.
- Created toggle buttons for likes, follows, and cart management, allowing for a smooth user experience.

The Pass

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

A food photo sharing app inspired by Flickr (React, Express, Amazon S3, Redux, Sequelize, Multer)

- Implemented an upload feature with Multer to enable the app to store custom user images.
- Learned the ins and outs of creating a bucket for image hosting on Amazon S3.
- Utilized custom middleware for server-side error handling and protected routes.
- Hand-crafted CSS throughout the site. No CSS frameworks!

OpenBook

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

An open source platform for students and teachers to learn remotely via flashcards (React.js, Flask, SQLAlchemy, Redux.js)

- Met with school teachers to identify current pain points with existing software solutions.
- Spearheaded the implementation of the Redux store.
- Wrote and tested Redux thunks, ensuring features could be accessed with the click of a button.
- Implemented user authorization, allowing for accounts with different permissions for students and teachers.
- Learned how to utilize Git and Github as part of a team, including pull requests, making new branches, and integrating code from team members into existing features.

EDUCATION

App Academy - A remote-based, full-time, 24 week, 1000 hour program focused on core coding concepts and best practices for modern full stack development. Acceptance rates of <3% (October 2020 - January 2021)