

**SKILLS:** Full Stack, React, Redux, Express, Flask, SQLAlchemy, JavaScript, Agile, SQL, HTML, CSS, Node.js, PostgreSQL, Pair Programming, Heroku, Tailwind, AWS, AJAX

## PROJECTS:

**MARTIAL SHEETS** *Flask, ReactJS, TailwindCSS*

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

Character creator and tracker website built using React and Flask

- Designed a streamlined character creation form utilizing react state and useEffect in order to dynamically render input selections and update the form display as the user makes their choices
- Implemented level up feature for users to update their characters using a modal showing all new options for the update and any new features obtained from SQLAlchemy queries on the backend
- Established AWS S3 bucket for users to upload character images when creating their characters allowing for secure and simple data transfer

**COMMUNITY TABLE** *Flask, ReactJS*

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

An application to share and claim resources for local communities

- Used geolocation and integrated google maps API to show and update all available resources in the surrounding area for users to claim and share resources
- Developed a clean, straightforward interface using Emotion CSS to ensure easy navigation for a broad audience
- Coordinated group planning and orchestrated pair programming using Git's project board to efficiently and accurately work on targeted goals

**GOODCOOKS** *Express, Pug, JavaScript*

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

Goodreads clone focused on saving and rating recipes

- Secured user data and avoided storing plaintext passwords by taking advantage of BCrypt hashing on the backend and auth routes on the frontend, allowing users to site specific features only when logged in
- Constructed custom SQL queries that employed eager loading to select key data from multiple tables in order to reduce loading time and the amount of calls to the database, storing all data efficiently using PostgreSQL
- Set up a 5 star rating system that grants users the ability to rate and save any recipe, which is updated asynchronously through the use of AJAX requests to the backend

## EXPERIENCE:

**Senior Quality Specialist**

*The Vanguard Group, Inc.*

Aug 2019 - Oct 2020

- Analyzed processing trends over the course of two years using Excel in order to selectively target risky transactions, culminating in business suggestions that directly saved the department over \$100K yearly.
- Created new procedures and refined previous documentation, increasing accuracy of reviews and increasing communication between external departments with more efficient and transparent work flows.
- Coordinated client projects while partnering with business partners to ensure proper resolution to client issues were being reached in a timely manner, along with coaching other specialists on these resolutions.

**Adjustments Resolution Administrator**

*The Vanguard Group, Inc.*

Dec 2016 - Aug 2019

- Conducted error analysis, developed and communicated detailed resolutions with internal business partners, and carried out resolutions to correct prior errors while identifying subsequent impacted transactions.
- Provided coaching and training for high complexity items and correction strategies for 30 other team members, providing flexible support wherever needed.
- Coordinated group projects between 3 to 4 different departments with up to \$30 Million financial impact to thousands of clients in order to ensure financial integrity and accuracy.

## EDUCATION:

Lebanon Valley College - *BS Physics, 2012-2016*

AppAcademy - Immersive software engineering bootcamp with over 1000 hours of rigorous coursework, 2020 - 2021