

SKILLS JavaScript, Python, React, Redux, HTML, CSS, Express, Sequelize, Flask, PostgreSQL, SQL, Amazon Web Services (AWS)

PROJECTS

HeartString (CSS, HTML, React, Redux, JavaScript, Python, Flask, Flask-SQLAlchemy, PostgreSQL Socket.io, AWS)

[Live Site](#) | [Github](#) *An alternative social media site where users make anonymous posts and choose one person to connect with from the replies*

- Engineered a series of custom **Socket.io Websocket** events, improving the user experience by allowing users to instantly message without drastically changing how information is routed and stored.
- Constructed modular **react** components to dispatch edit and delete thunks based upon a prop passed to the component, ensuring code was more DRY by reducing the amount of single-use components.
- Incorporated a self-referential **Sqalchemy** table to represent user relationships, reducing database models by eliminating the need for a joins table, thus increasing scalability by lessening the dependence on the current database structure.

Party-Lure (CSS, HTML, React, Redux, JavaScript, Python, Flask, Flask-SQLAlchemy, PostgreSQL, AWS, Styled-Components)

[Live Site](#) | [Github](#) *A responsive, full-stack application for finding party members in a fictional MMORPG game.*

- Implemented the **PostgreSQL** array data type to track which roles were desired for a party on each post, reducing code complexity and the amount of tables stored without sacrificing functionality.
- Led a morning meet-up after stand-up to add new items to the **SCRUM** board and delegate who would be assigned what task. This increased efficiency by ensuring everyone had a plan for how to proceed with the work day.
- Leveraged **React's** virtual **DOM** and conditional rendering to display information about a user's party upon click, keeping information displayed relevant to enhance the overall **UI/UX** of the application for the user.

Elixir (CSS, HTML, React, Redux, JavaScript, Express, Sequelize, PostgreSQL, AWS, Styled-Components)

[Live Site](#) | [Github](#) *A full-stack review application where users can create drinks, leave reviews for drinks, and friend other users.*

- Created instance methods on **Sequelize** models, increasing abstraction by limiting points of interaction additionally making the code more **DRY** due to limiting rewriting of multiple routes for operations.
- Integrated **AWS** to allow users to choose profiles and review pictures from their directory, controlling the storage of user media and increasing reliability by ensuring the developer can confirm what is hosted.
- Employed the **Styled-Components npm package**, easing development by minimizing possible **CSS** collisions.

GoodGames (CSS, HTML, JavaScript, Express, Sequelize, PostgreSQL, Pug.js)

[Live Site](#) | [Github](#) *A full-stack application where users can view games and organize them using shelves*

- Utilized IGDB and WikiMedia **APIs** to seed games and reviews for the database. Incorporating real games and having review text related to them assisted in making the app feel authentic.

EXPERIENCE

Ambu-sure, Administrative Assistant Orangeburg, SC

April 2017-May 2020

- Supervised the training of all drivers and patient attendants, ensuring necessary certifications were achieved per requirements.
- Acted as liaison between internal/external parties, proactively ensuring that all expectations, trip details, and correspondence were clearly communicated and documented in order to ease communication, build rapport and promptly address issues.

Tri-county Technical College, Academic Tutor Pendleton, SC

May 2018- August 2019

- **Led tutoring initiatives** in collaboration with content-specific tutors to support students pursuing undergraduate degrees in **STEM** with a focus on more complex biology and chemistry concepts, such as: chi square analysis and Stereochemistry.

University of South Carolina, Research Intern Columbia, SC

Jan 2016- August 2017

- Characterized rheological properties of mucus using passive microrheology by creating **R scripts** to graph Brownian motion .
- Invited as a delegate to the University Global Symposium by faculty of the College of Science. Symposium facilitated networking and the sharing of research experience between students of diverse backgrounds with an interest in the global academic community.

EDUCATION

App Academy | Full-Stack Software Engineering

2021

- Relevant Coursework: Object Oriented Programming (OOP), Test Driven Development (TDD), Coding Best Practices, Systems Design & Architecture, Data Structures, Algorithms, Agile/SCRUM Methodologies

Clemson University - BS Biological Sciences Clemson, SC

2016

- Relevant Coursework: Diverse array of STEM (Science, Technology, Engineering, Math) and humanities courses