

RODERICK JOHNSON

FULL STACK SOFTWARE ENGINEER

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[Portfolio](#)

[Github](#)

[LinkedIn](#)

SKILLS

LANGUAGES: Javascript, Python, HTML, CSS, SQL, SQLAlchemy

FRAMEWORKS & LIBRARIES: Flask, Express, Redux, React, Google Maps API, AWS S3

DEBUGGING KNOWLEDGE: Javascript, Python, HTML, CSS, SQL, SQLAlchemy, Flask, Express, Redux, React,

PROJECTS

GROUP PROJECT: SKETCHY (Flask, Python, ReactJS)

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

A clone of the website etsy with our spin of making it sketchy using Flask, Python, React, Redux, and Javascript

- Implemented custom user authentication utilizing BCrypt Hashing Function on the backend and React Auth Routes on the frontend to prevent storage of plain text passwords and restrict access to user specific data and features.
- Initiated custom error handling on both the backend and the frontend using react/redux and flask to prevent the breaking of the site and routes or current user interfaces and restrict spamming of malicious data and incomplete reviews.
- Proposed the interconnectivity of the components to alleviate the need to wait for information to flow in between each individual aspect in order to decrease the user interface loading and wait times.

SOLO PROJECT: ANISPHERE (Python, Flask, SQLAlchemy, Javascript, ReactJS)

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

My own website to help you find anime you'd like, forgot out, or just to discuss whether an anime is worth the watch

- Incorporated a custom multi select feature into the frontend to make searching for a new anime to watch or searching for a previously watched anime simpler through the ability to just narrow your search by category
- Included Create/Read/Update/Delete(CRUD) and/or partial CRUD functionality on each feature/element that further takes advantage of React through the use of their respective routes and implementation of hooks to render a site that rerenders in real time without the need or a manual refresh to always show the most up to date information and try catch blocks that ensure there is no error thrown while the data is being retrieved
- Integrated the system with a response and diverse forum system to allow the user the ability to choose the environment in which they would like to immerse themselves

EXPERIENCE

Black Apron/Server

First Watch

Oct 2022 - May 2023

- Familiarized myself and trainees with the food and beverage menus to ensure the enjoyment of guest experiences
- Provided an accommodating and welcoming atmosphere to guests to ensure the recurring of their visits
- Communicated relevant updates and other information to fellow staff and managers to guarantee that cohesiveness of the team

Microbiologist/Lab Technician

Andor Labs

August 2021 - May 2022

- Collected, analyzed, and reported research and results pertaining to Infectious Diseases, Toxicology, and other miscellaneous clinical information to assist in the safety and wellness of the general public
- Established the sanitation of sites and grounds related to the testing, collection, and/or storage of material to further safeguard the sanctity and accuracy of collected specimens and reports delivered
- Promoted the health of the society through intentional efforts to educate the public about health conversations that directly related to them

EDUCATION

Web Development - App Academy | Fall 2023

Bachelor of Science in Biology - University of North Carolina at Chapel Hill | 2017 - 2021