

## SKILLS / Programming Language

Software Engineer, JavaScript, TypeScript, Python, React.js, Flask, Express, CSS3, HTML5, Node, NPM, C#, Git, SQLAlchemy, AWS, Linux, PostgreSQL, REST APIs, Sequelize, SQL, Object-Oriented Programming, Docker, Web Development, Database, Java, C++

## PROJECTS

### **AniFlix** (React / Redux, Flask, SQLAlchemy)

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

#### **Crunchyroll but with a Netflix design used to test skills in React and JSX, and CSS**

- Designed a full-stack app from scratch including UX/UI design, coding, and deployment.
- Implemented an algorithm that bypassed a 3rd Party API's rate limiting in order to fully incorporate it into my project without limits.
- Managed a project timeline, demonstrating strong project management skills and completing the project within the expected timeframe

### **Tune Cloud** (React / Redux, Express, Sequelize, PostgreSQL AWS, Node.js)

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

#### **A music sharing application similar to Spotify using software engineering practices and JavaScript frameworks such as React as a frontend, node as a backend and git for source control management.**

- Incorporated a React-Audio-Player package to play given audio urls and have it dynamically change depending on the song chosen.
- Programmed the audio player to keep its React state song to incorporate continuous play which enables the player to not stop or break off when navigating to different pages, providing better experience.
- Incorporated AWS S3 as a cloud microservice to store audio and image files of specific types. This offers industry-leading scalability, data availability, security, and performance.
- Created backend API to access database

### **SortingVisualizer** (Reactjs, JavaScript, CSS, HTML)

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

#### **App used to display the difference between a few sorting algorithms visually**

- Created to increase knowledge in problem solving with Data structures, while also developing my skills in React.
- Incorporated React and CSS to dynamically display the different speeds of each sorting algorithm
- Allows users to experiment with different sorting algorithms, input sizes, as well as the speed of the algorithm to visually show time complexity of each algorithm based on the input size, N.

## EDUCATION

**AppAcademy** (2021-2022) - 24 Weeks, 1500+ hours of Full-Time, Immersive, Software Engineering/Software Development Course learning and implementing multiple frameworks to build web applications in an agile scrum software development life cycle

**University of Colorado, Colorado Springs** (2017-2021) - Bachelor's degree in Computer Science

*Coding Classes: Data structures and Algorithms, Compilers, Computational Linear Algebra, Computer Architecture, Algorithm design, and coding in Assembly, Operating Systems*

## EXPERIENCE

### **Wonderful House Chinese Restaurant | Front of House**

Mar 2007 - Current

- Organized multiple catering requests in a hands-on role to multiple professional institutes which helped foster time management and teamwork skills and experience in a fast-paced environment.
- Provided guests with great customer service while maintaining a comfortable environment, building strong relationships which lead to outstanding positive reviews, increasing business and profit.
- Acquired great verbal communication skills working as a host in an establishment that houses over 100 guests.