John Amini

t: 908 922 6981   **e**: john.amini97@gmail.com   New York, NY   Portfolio   Linkedin   GitHub

Skills

React. / Redux,JavaScript,HTML,CSS, TypeScript, Express, Node.js C# SQL, AWS, PostgreSQL, Python, Flask , Java ,
Docker

Education

App Academy | Spring 2022

Immersive software development course with focus on full stack web development

Rutgers New Brunswick | Bachelor of Science in Computer Science | Fall 2019

Projects

Traveling Shopper   live site | github

React / Redux , Javascript , TypeScript , Express , Node.js , PostgreSql ,

Optimized Pathfinding Visualizer for user created layouts

- Constructed a custom grid component using React and Redux in order to increase responsiveness when receiving layout information
- Implemented Items as an additional full CRUD feature in order to allow users to map additional points directly benefiting user experience
- Leveraged algorithms like breadth first search and branch and bound in order to find optimal path while reducing time complexity

Music Overflow   live site | github

React / Redux , JavaScript , Express, Node.js, PostgreSQL , AWS , Heroku

Soundcloud clone // Music sharing

- Utilized AWS in order to persist and store user uploaded songs to allow for future listening
- Constructed an additional comments CRUD in order for users to leave their thoughts and opinions on songs they've listened to

Experience

Software Engineer - Intern | June 2019 - September 2019

WorkWave

- Created a set of scripts that mapped AWS resources, such as staging/production environments, in order to aggregate costs and customer pricing
- Added new functionality to the customer service website that backed up client server data by interacting with an AWS lambda function
- Implemented a lazy load feature in the testing framework in order to improve the efficiency of automated testing by 30% and better track dynamic UI elements
- Created automated tests for flagship product using Selenium Webdriver