

# Name

portfolio.com

Phone # | email | Location | github.com | linkedin.com

## EDUCATION

### **CITY SCHOOL WITH MEH REPUTATION**

Bachelor of Technology in Computer Systems (Software Development Concentration)

Dean's List: (2018, 2019) | GPA: 3.85/4.00

Location

Expected May 2020

### **Relevant Coursework:**

Discrete Math and Algorithms, Data Structures, Object-Oriented Programming, Object-Oriented Design, Web Development, Databases, Database Design, Operating Systems, Networking, Computer Security, Software Development

## SKILLS

**Programming:** JavaScript, Java, SQL

**Frameworks/Libraries:** React, Express, Spring Boot

**Technologies:** HTML5 / CSS3 (Flexbox, CSS Grid), Git/GitHub, Node, Bootstrap 4, Sequelize, Logic Pro X, Heroku, Knex, Material UI, Axios, Jsoup, Redis, Sequelize, ChatKit, Leaflet, MVC Design Pattern

**Database Management:** MySQL, PostgreSQL, MongoDB

## TECHNICAL PROJECTS

### **Full-Stack Web App | [link to hosted project](#)**

Dates

- Created a web crawler using React, Spring Boot, Redis, and Jsoup that allows users to input a web address, crawl the webpage & subpages for images, and in return receive all the images found in a downloadable form
- Utilized Spring Boot and Jsoup to create RESTful API endpoints that handle user webpage crawl and image download requests
- Incorporated cache using Redis to make web crawler more efficient and "friendly," helping prevent IP ban from crawling the same page too many times

### **Full-Stack Web App | [link to hosted project](#)**

Dates

- Built a stock trading web app that allows users to search for real-time stock quotes and make stock purchases utilizing the IEX Cloud Financial Data API
- Created a portfolio view using React and Material UI to display the real-time value of a user's portfolio holdings
- Implemented a Node/Express back-end to serve React static files and manage RESTful API endpoints
- Made use of Knex to build SQL queries for Postgres database and Axios to facilitate back-end IEX Cloud API calls

### **Full-Stack Web App | [link to hosted project](#)**

Dates

- Crafted a music analysis web app that allows users to search and view a low-level audio analysis of any music track in the Spotify catalog. Utilizes Spotify's Audio Analysis, Audio Features, and Search API endpoints
- Used React and Material UI to create a feature that allows users to manage (save, delete) a music track collection
- Designed Node/Express back-end with RESTful API endpoints to handle user requests
- Employed Knex to build SQL queries for Postgres database and Axios to facilitate back-end API calls

### **Full-Stack Web App | [link to hosted project](#)**

Dates

- Worked in a team of 4 to create a full-stack React social media platform to connect soon-to-be travelers
- Utilized React, ipapi API, and the Leaflet JavaScript library to embed an interactive map on each user's homepage
- Helped design and implement an in-app chat feature using the Chatkit API
- Assisted teammates with back-end technologies (Express, Sequelize, PostgreSQL) for user data storage, input validation, and creation of RESTful API endpoints

## EXPERIENCE

### **Coding Program/Extracirrcular**

Location

Title

Dates

- Selected for a full-stack JavaScript training program, as one of 125 students out of 400+ applicants.
- Learn in-demand technologies like React, Node + Express, and PostgreSQL as well as industry best practices for design, implementation, and deployment such as MVC, version control with Git/GitHub, agile & Scrum with Trello and Slack, test-driven development, and CI/CD.