

Jacob Segarra

(347) 891-1539 | contact@jsegarra.dev | Mastic, NY

[linkedin.com/in/jacob-segarra](https://www.linkedin.com/in/jacob-segarra) | github.com/jseg787 | jsegarra.dev

EDUCATION

Brooklyn College, City University of New York (CUNY)

Bachelor of Science, Computer Science

Mastic, NY

Graduated Jun 2020

Relevant Coursework:

Data Structures, Algorithms, Database Systems, Software Design and Implementation

SKILLS

Proficient: JavaScript, ES6, React.js, Node.js, Express, Python, HTML5, CSS3, Sass, SCSS, Bootstrap, Git/GitHub, SQL

Exposure: Redux, React Native, TypeScript, jQuery, Java, Templating (EJS), MongoDB, Mongoose, MySQL, Postgres, Sequelize, C++, PHP

PROJECTS

Spotify Random Playlist Generator

- Developed with **React**, **Express**, **JavaScript Spotify API library**, and **Node.js Spotify API library**
- Built web application that creates playlists from randomly selected songs for users to discover songs by chance rather than curation
- Wrote code that connected and made requests to the Spotify API from the application's front-end using a Spotify API JavaScript library
- Implemented feature where users connect their Spotify account to save songs and playlists to their personal Spotify library

Python Credit Calculator

- Developed with **Python** using the argparse module
- Built command line interface application that calculates principal loan, payment periods, or payment amounts based on what information is given to the application.
- Implemented the argparse module for the application to take command line arguments as input

Covid Volunteer Class Sign-up Alerter

- Developed with **Node.js**, **Axios**, **Cheerio**, and **Nodemailer**
- Built an application that web scrapes a page, checking for openings for a volunteer class, and alerts the user via email when a class becomes available

Pokemon Guesser Web App

- Developed with **React**, **Bootstrap 4**, and **pokeapi-js-wrapper library**
- Built a single-page web application game that tests users ability to match a pokemon name to the sprite
- Implemented **React Hooks** to track and update the state of the game as well as fetch API to query data from PokeAPI

EXPERIENCE

CUNY Tech Prep

Software Developer Student

New York, NY

Jun 2019 – Dec 2019

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