JACOB SEGARRA

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EDUCATION

Brooklyn College, City University of New York (CUNY)   Brooklyn, NY

Bachelor of Science, Computer Science   Graduated Jun 2020

Relevant Coursework:

Data Structures, Algorithms, Discrete Structures, Database Fundamentals, Web Application Design and Implementation

SKILLS

Programming: JavaScript ES6, HTML, CSS, Python, Java
Technologies: React, Redux, Node.js, Express, Templating (EJS), Bootstrap, Sass, Git/GitHub, MongoDB, Mongoose, Postgres, Sequelize, Ubuntu, Windows

PROJECTS

Spotify Random Playlist Generator | React, Express, Spotify API   Oct 2019 - Dec 2019

- Built web application for users to find new songs to listen to by generating playlists created randomly using the Spotify API
- 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 can connect their Spotify account to save songs and playlists straight to their personal Spotify library
- Developed with React, Express, and the Spotify API using front-end and back-end Spotify API libraries

Pokemon Guesser Web App | React, Bootstrap, PokeAPI   Sep 2019

- Built a single-page web application game for users to test their Pokemon name knowledge
- Implemented React Hooks to track and update the state of the game, as well as fetch API to query data from PokeAPI
- Developed with React, Bootstrap, pokeAPI, and pokeapi-js-wrapper library

EXPERIENCE

CUNY Tech Prep   New York, NY

Software Developer Student   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 + 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

The Synergos Institute   New York, NY

Information Technology, Helpdesk Technician   May 2016 – Jun 2016

- Created text and video tutorials for staff that provided instruction on how to use Office 365 and OneDrive
- Met with IT team to discuss plans for upgrading server hardware, moving staff storage from local machines to the cloud, and upgrading staff OS from Windows 7 to Windows 10