Joseph Taylor McKeel

(850) 420-8071 | JosephMcKeel1993@gmail.com | Brooklyn, NY
http://www.linkedin.com/in/taylormckeel | www.github.com/taylormckeel | www.Taylor-McKeel.com

Summary

Passionate about further developing my developer knowledge at a company that seeks to improve the lives of people around the world. Planning to use my communication, problem solving, and leadership skills developed from teaching high school for 5 years in order to bring a new perspective and skill set to the engineering team.

Education

- Hanawilo Academy | Certificate in Node.js
- Fullstack Academy | Certificate in Software Engineering
- Lehman College | Masters in Secondary Science Edu.
- University of Florida | Bachelor of Science | Biology

Skills

- <u>Proficient</u>: JavaScript, React, Redux, Node.js, Express, Git, HTML, CSS, Sequelize, BcryptJs, Nodemon, JWT
- <u>Knowledgeable</u>: Postgres, Babel, Material-UI, Axios
- <u>Some Experience</u>: Mocha, Chai, SQL, Webpack

Engineering Projects

Pick Me Up | Developer

Taking aspects from online gaming to the park, in which users around NYC can connect with others in their area to play basketball, build their stats, and earn achievements.

- Developed using JavaScript, Babel, Material-UI, Webpack, Bcrypt, Express, Node.js, React, Redux, Postgres, and Sequelize among other libraries.
- Created, implemented, and managed a project board on GitHub in order to manage team responsibilities and progress, as well as increase efficiency.
- Implemented a search-based map for all parks in NYC using Google Maps API and the NYC Parks Department API. This was used to find available courts and games, and to see where your upcoming games were located.
- Gave users a form that allowed them to create a new game at a location of their choice, that other players could join. Then stored that data in the Postgres database.

NEXTaurant | Developer

Building off the concept of an old MTV show, this app allows users to search for restaurants in their area by removing the endless list of options and having them make on the spot decisions.

- Developed using JavaScript, Babel, Webpack, Express, Node.js, React, Postgres, and Redux among other libraries.
- Constructed card components based upon search criteria and Yelp's restaurant API that showed potential restaurant options and their information. Added swipe functionality for users to choose restaurants.
- Implemented Google Maps Directions API for each restaurant so that users could obtain directions to restaurants that they choose.

Work Experience

Independence High School | Science Teacher | New York, NY | 2017- Present

- Create a school-wide curriculum for AP computer science principles, biology, earth science, and animal science to be implemented every semester in order to engage 25-30 students in a stimulating classroom daily.
- Collect and assess student data to guide instruction for students of varying academic levels, track student progress to create detailed lessons, and make purchasing decisions for the science department that led to a 10% increase in passing scores over 4 years.
- Lead the school/staff by creating, managing, and implementing a weekly school-wide student data system increasing our graduation rate by 15%; and coordinating school, state, and nationwide testing within the school.

Interests

Hiking | Traveling | Music | Baking | Environment | Podcasts | Learning