KIMBERLY HOWARD

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SUMMARY

Former middle school mathematics teacher and recent Georgia Tech Boot Camp graduate aspiring to obtain a full-stack developer role. Experienced with HTML, CSS, JavaScript, JQuery, SQL, MongoDB, React, Python and ready to learn new languages on the job.

PROJECTS

Website: Stay In Touch

- The purpose of this project was to build a platform that programmers could use to network and stay in touch with previous project teammates. Once a user adds an account with this application, they can create and view other users posts to share information about available job openings, let others know when successes arise in their career, and other general knowledge. The website contained a MongoDB database to keep track of user information and post data.
- As part of my role in the project, I styled the navigation bar, footer, homepage, new post page, and user page and added a collapsed navigation bar to make the website responsive for smaller screens.
- Technologies used in this project were HTML, CSS, Tailwind, Google Fonts, React, JavaScript, Node.js, Express.js, GraphQL, MongoDB, Mongoose, and JWT

Website: Inventory Management

- This project was developed to keep track of employee and inventory information for a catering business. The website contained a SQL database to keep track of employees and inventory items by name. It also tracked which employee checked out which item.
- As part of my role in the project, I added the employee and items forms that would be used to add an employee member or inventory item to the website database along with the POST routes for that data and the functionality for the submit button on the forms.
- Technologies used in this project were JavaScript, CSS, Node.js, Express.js, Handlebars, MySQL, Sequelize, and Materialize

Middle School Mathematics Teacher   2021 – 2022
Atlanta Jewish Academy   Atlanta, GA
Taught mathematics subjects to students in 5th - 8th grade. At the school I taught each individual grade and worked with students in and out of class to prepare them for algebra based topics. I also taught a coding elective that exposed middle school students to the Python language and guided them on how to use Python 3 to build a tic tac toe game.

Middle School Mathematics Teacher   2020 – 2021
Ben Porat Yosef   Paramus, NJ
Held a mathematics teacher position for 6th - 8th grade students at Ben Porat Yosef. I helped each class with elementary math and algebra concepts. While teaching in person, I was also in charge of remote students who would zoom into class from their homes.

EDUCATION

Boot Camp Certificate   2022
Georgia Tech   Atlanta, GA
An intensive 24-week course that covered how to develop web applications from front-end to back-end and connecting the two to build full-stack applications. During this bootcamp, the instructor covered the HTML, CSS, JavaScript languages to build a front-end web application and jQuery, NodeJS, SQL, MongoDB, React, along with other packages to assist with full-stack website development.

Bachelor's of Science Degree   2017 - 2020
Kennesaw State University   Marietta, GA
At the university, I studied and obtained a major in Computational and Applied Mathematics. This education exposed me to the logical math world and allowed me to discover how to go about solving logic-based problems.
Special Accomplishments
- GPA: 3.96 (Summa Cum Laude)
- Honors: Pi Mu Epsilon National Honorary Mathematics Society
- President's List: Fall 2017