IKENNA NWAJAGU

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OBJECTIVE

Seeking a Software Developer role at a dynamic firm that values my analytical and technical skills as well as provides scope for updating my knowledge. I seek a company that will help me contribute to its development while simultaneously aiding my personal growth

KEY SKILLS

Technical:
Front-End Language: JavaScript, React, HTML5, CSS3, Bootstrap/Materialize, jQuery
Back-End Language/Databases: Node.js, Express, MySQL, MongoDB
Other: Git, GitHub, Command Line, Heroku
Non-technical: Communication, Teamwork/Collaboration, Problem Solving, Project Management, Instructional

PROJECTS

Grocery List App (Developed by Team KIA) | Backend Engineer | Link: bit.ly/3eWoeX9 | May 2020
- Full Stack Web Application that helps its user efficiently organize their grocery lists while grocery shopping. The application also uses a third-party API in Google Places to help gather information on the nearest supermarkets based on their zip codes for the ultimate grocery shopping experience.
- *Role*: Wrote and organized all of the backend code including the internal APIs, routes, and database components as well as architected the entire MVC model and file structure of the project
- *Technologies Used:* Handlebars, CSS(Bootstrap/Materialize), JavaScript, jQuery, Rest API, Third Party API (Google Places), Express.js, Node.js, MySQL (Sequelize ORM), Git, Heroku

Manhattan Munchies App | Frontend Engineer | Link: bit.ly/2C5IXZW | March 2020
- A web application meant for anyone on a budget in New York City that wants to experience excellent cuisine. This application uses jQuery AJAX calls to dynamically populate HTML with data on restaurants from Zomato API.
- *Role*: Implemented the Zomato API and used it to retrieve useful restaurant data based on locality parameters that was displayed using HTML, CSS (UIKit framework), and JavaScript
- *Technologies Used*: HTML, CSS (Bootstrap/UIKit), JavaScript, jQuery, Git, Third Party API

WORK EXPERIENCE

Capital Prep Harbor School, Bridgeport, CT | Upper School Math Illuminator | August 2018 – Present
- Designed and implemented lesson plans that incorporated Algebra II, Pre-Calculus, and Calculus
- Collaborated with fellow teachers and parents to ensure students have the best learning tools and environment for progress
- Orchestrated a program that helped scholars improve on their Math MAP scores over the academic year on average by 50%

Norwalk Community College, Norwalk, CT | Adjunct Math Instructor | August 2017 – May 2018
- Instructed and lead Intro to Algebra/College Algebra courses
- Responsible for designing multiple activities to test student proficiency on the subject matter

Ohio University Math Department, Athens, OH | Graduate Teaching Assistant | August 2015 – May 2017
- Lead Instructor for College Algebra and Calculus courses for undergraduate students
- Structured and designed exams to assess student's mastery of curriculum content

Achievement First, New Haven and Bridgeport, CT | Math Teacher and Tutor | September 2013 – June 2015
- Taught a variety of math courses in the 6th, 7th and 8th grades as well as lead after school tutoring programs
- Implemented various teaching techniques and differentiated instructions

EDUCATION

University of Connecticut Stamford, CT | Full Stack Software Development Bootcamp | July 2020

Ohio University Athens, OH | Master of Science, Major: Applied Mathematics; GPA: 3.3 | May 2017

Fairfield University Fairfield, CT | Bachelor of Science, Major: Mathematics; Math GPA: 3.51 | May 2013