

# 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, RESTful API, MySQL, MongoDB

*Other:* Git, GitHub, Command Line, Heroku, Agile, Scrum, Wireframe, Trello

**Non-technical:** Communication, Teamwork/Collaboration, Problem Solving, Project Management, Instructional

## PROJECTS

**Business Ideas Forum App** | Full-Stack Engineer | Github: <https://bit.ly/39tVTpk> | App: <https://bit.ly/3f1z1OY>

- Full Stack Web Application that allows entrepreneurs to record their ideas in a user forum, where other entrepreneurs can provide feedback, answer questions, or direct them to various resources
- *Role:* Focused primarily on the backend where Node and Express were utilized as the server-side tools to make the app functional. Also provided some help on the front end with React Context APIs and state management of the app.
- *Technologies Used:* React, Custom CSS & Bootstrap, Rest API, Express.js, Node.js, MongoDB (Mongoose ORM), Authentication Middleware (Passport.js/bcrypt), Git, Heroku, Trello, Wireframe

**Manhattan Munchies App** | Frontend Engineer | Github: <https://bit.ly/3eZaxWS> | App: <https://bit.ly/2C5IXZW>

- 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

- Design and implement lesson plans that incorporates Algebra II, Pre-Calculus, and Calculus
- Collaborate with fellow teachers and parents to ensure students have the best learning tools for progress
- Created and orchestrated an afterschool program that helped scholars improve on their Math MAP scores over the academic year on average by 60%
- Created a Personal Finance series supplement to all math classes that raises awareness in analyzing personal finances and making better decisions with money

**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 6<sup>th</sup>, 7<sup>th</sup> and 8<sup>th</sup> grades as well as lead after school mentoring programs
- Implemented various teaching techniques and differentiated instructions
- Created an afterschool program to help struggle scholars improve on the basic math skills

## **EDUCATION**

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**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