

# IKENNA NWAJAGU

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## KEY SKILLS

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### Technical:

*Front-End Language:* HTML5, CSS3, CSS frameworks (Bootstrap), JavaScript, jQuery, API, RESTful API

*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

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### Grocery List App (Developed by Team KIA) | Backend Engineer | 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, Wireframe

### Date Night App (Developed by Team KIA) | Frontend Engineer | March 2020

- A web application meant for couples on a budget in New York City that want to experience excellent cuisine and catch a movie afterward. This application uses jQuery AJAX calls to dynamically populate HTML with data on restaurants from Zomato API as well as movies from Fandango API based on the user's locality in the city.
- *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 APIs, Wireframe

## WORK EXPERIENCE

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### Capital Prep Harbor School, Bridgeport, CT | Upper School Math Illuminator | August 2018 – Present

- Head Math Instructor for Algebra II, Pre-Calculus, and Calculus classes
- Responsible for designing and fine tuning the 12<sup>th</sup> grade Calculus curriculum

### 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 tutoring programs

## 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