# IKENNA NWAJAGU

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## EDUCATION

**University of Connecticut**                                                                                 **Stamford, CT**
School of Engineering Coding Bootcamp                                                                 July 2020
Full Stack Software Development Certificate
**Ohio University**                                                                                                   **Athens, OH**
Master of Science                                                                                                     May 2017
Major: Applied Mathematics; GPA: 3.3
**Fairfield University**                                                                                             **Fairfield, CT**
Bachelor of Science                                                                                                   May 2013
Major: Mathematics
Overall GPA: 3.4; Math GPA: 3.51
Pi Mu Epsilon Mathematics Honor Society
*Course Highlights*: Calculus I – IV, Advanced Calculus I/II, Advanced Differential Equations, Discrete Mathematics, Abstract Algebra, Linear/Non-Linear Optimization, Discrete Optimization, Applied Statistics, Intro to Java Programming

## KEY SKILLS

**Technical**:
Front-End Language: HTML5, CSS3, CSS frameworks (Bootstrap), JavaScript, JSON, jQuery, API, RESTful API
Back-End Language: Node.js, Express, MySQL
Other: Git, GitHub, Command Line

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

## WORK EXPERIENCE

**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 12th grade Calculus curriculum
- Responsible for designing multiple activities to assess student proficiency in content area

**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 Academy Middle School**                                               **New Haven and Bridgeport, CT**
Substitute Math Teacher and Tutor                                                                     September 2013 – June 2015
- Coordinated and lead a variety of school activities; assemblies, meals, and after school programs for 150 students
- Taught a variety of math courses in the 6th, 7th and 8th grades
- Planned and supervised field lessons as well as participated on a grade level team

## LEADERSHIP EXPERIENCE

**Fairfield University**                                                                                         **Fairfield, CT**
**Upward Bound** -*Resident Assistant*                                                            July 2012 – August 2012
- Oversaw 45 high school sophomore, junior and senior high school students while on campus
- Organized programs to enrich the students on college life as well as becoming a successful college student

**Residence Life** -*Resident Assistant*                                                            September 2010 – May 2012
- Supervised and counselled with 40 freshmen and sophomore residents
- Planned monthly informal and formal programs to build community engagement