

Uche Eke



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Website: <http://uchemantellem.github.io/Portfolio>

EDUCATION

University of Michigan College of Engineering, Ann Arbor, MI

Master of Science Information, GPA 4.0, Expected May 2021

Concentration: Software Engineering, Program Manager

Bachelor of Science in Engineering, May 2019

Technical Proficiency: C, C++, Python, HTML, CSS, JQuery, AngularJS, ReactJS, Django

PROJECT EXPERIENCE

- MST and Traveling Salesmen – Implemented Prim’s Algorithm for creating a minimum spanning tree to find minimal distance, given a list of coordinates
- Stock Market Simulation – Used priority queues to simulate a stock exchange to generate optimal revenue for buyers and sellers
- Gymnastics Crawler – A self-driven project that crawls through gymnastics results via gymresults.com and provides three different visuals (flask, table, python-plotly) to present the top competitors and upcoming/past competitions.

PROFESSIONAL EXPERIENCE

Daniel Eke and Associates, PC, Silver Spring, MD

IT Intern

May 2017 – Present

- Assisted the CIO in moving into the cloud infrastructure (Microsoft 365)
- Provided web development services to the company’s clients
- Improved efficiency in auditing tasks by more than 30% through automation
- Developed complex excel spreadsheets with macros for the execution of the company’s government contracts

Edward Brothers Malloy, Ann Arbor, MI

Web Developer

April 2018 – June 2018

- Worked on a web application that streamlined the order process for customers
- Personalized the site per customer making the checkout process more efficient

University of Michigan CROMA Research Lab, Ann Arbor, Michigan

Technical Program Manager

January 2019 – Present

- Manage 2 projects relating to Reinforcement Learning and Computer Vision models
- Created a file sharing method that allows analysts to share video/audio clips with each other

ATHLETIC EXPERIENCE

University of Michigan Men’s Gymnastics Team, Ann Arbor, MI

August 2015 – Present

- Maintained a balanced schedule with 20+ hours towards practice and 16 credit hours per week
- Competed in the South African Games
- Competed in all 10 competitions as well as Big Ten Championships and NCAA Championships
- Took several exams during NCAA Championships

AWARDS / HONORS:

- Honors student
- Maintain 4.0 GPA in Master of Science Program
- Student Athlete Academic Award
- Big Ten Competitor/NCAA Finalist
- Qualified to World Championships 2019 Stuttgart
- First place at the South African Games
- Won first Gold medal for Nigeria at the All African Games Championships 2019 in Rabat, Morocco