

IFEANYI IYKE-AZUBOGU

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EDUCATION:

University of Maryland, College Park

Bachelor of Science in Mathematics with a concentration in Computer Science

Anticipated: December 2020

TECHNICAL EXPERIENCE:

University of Maryland College of Computer, Mathematical, and Natural Sciences

College Park, MD

Systems Administration

May 2017-May 2018

- Maintained and configured servers and workstations running RHEL, Windows, and MacOS
- Maintained network infrastructure by setting up switches and diagnosing problems
- Responsible for performing host installs, os installs, and user data management
- Troubleshooted network problems using splunk, and puppet for system management

WebApp and Software Development

- Developed Web applications using the python django web framework
- Used html/css and javascript to design dynamic websites.

SKILLS

- Programming Languages: Python, Ruby, Java, JavaScript, C, Ocaml, Html/Css, Matlab, SQL
- Technical Skills: Database Administration, Systems Administration, Web Design, Web App Development, Software Development, Developed Algorithms for Cryptography and Numerical Analysis
- Languages: English, Igbo
- Side Projects: Alien invaders (Python)

LEADERSHIP EXPERIENCE AND RESEARCH

Directed Reading Program

College Park, MD

- Presented to professors and undergrads on elliptic curves and their group theoretical operations
- Researched elliptic curve applications in prime checking and cryptography
- Cooperated with field expert in order to make weekly updates to research project

University of Maryland Department of Resident Life

College Park, MD

Resident Assistant

January 2016-January 2019

- Manage multiple apartments, organized interactive events, and advised residents on personal and academic issues
- Conducts administrative tasks such as incident reports, room condition reports, and maintenance requests
- Responsible for effectively managing crisis situations when they occur.

National Technical Honor Society

Catonsville, MD

National Society of Black Engineers

College Park, MD

EMPLOYMENT HISTORY

University of Maryland Department of Resident Life

College Park, MD

Community Assistant

January 2019-May 2020

Staff Assistant

September 2016-May 2020

- Organized and sorts files, as well takes inventory on items owned by the Department of Resident Life

UMIACS HelpDesk

May 2017-May-2018

- Provided customer service for researchers and professors who have problems with their devices
- Responsible for completely setting up and maintaining workstations, servers, and switches.
- Maintained and managed the intranet network by making sure hosts are always online and within the network
- Worked with the puppet configuration management tool for server configuration
- Helped develop webapps for asset inventory and maintenance