Chidinma Ejiofor

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EDUCATION

University of Massachusetts Amherst   **May 2021**
BS Computer Engineering   **GPA:** 3.0   *Amherst, MA*
Coursework: Intro to Programming, Data Structures and Algorithms, Intro to Computation, Intro to Probability and Statistics, Intro to Security, Systems Software and Networking, Hardware and Organization

WORK EXPERIENCE

University of Massachusetts - Amherst   **August 2018 – Present**
Resident Assistant   *Amherst, MA*
- Assessed and responded to the needs of 30 residents
- Performed administrative duties using Microsoft Office and G-Suite
- Created, planned, and implemented educational, social, and recreational programs

Cal/Amp   **July 2019 – August 2019**
Summer Intern   *Canton, MA*
- Documented performed work in PM programs and described all associated tasks throughout the workweek
- Created and maintained Excel spreadsheets for inventory via Python automation scripts
- Aided in product testing in coordination with the Engineering and Supply Chain departments

University of Massachusetts - Amherst   **October 2017 – May 2018**
M5 Makerspace Staff Member   *Amherst, MA*
- Created security policies to ensure the need for a staff member present when using the space's computer
- Resolved software, printing, installation, word processing, email, and operating systems issues
- Identified and solved technical issues with a variety of diagnostic tools.
- Resolved student's issues with their software and hardware projects in a straightforward courteous manner

TECHNICAL SKILLS & INTERESTS

- **Operating Systems:** Windows (XP, 7, 8, 10), Linux, Android, Entry Level MAC, Unix
- **Software:** Malwarebytes, Open Office, MS Office Suite, VirtualBox, G-Suite, Task Manager, Trello, WordPress
- **Networking:** Active Directory, DNS, DHCP, VPN, TCP, UCP, UDP, Wireshark
- **Programming:** Java, HTML, CSS, Entry Level JavaScript, C, C++, Git, Python, MATLAB, Bash, MIPS, R, MySQL
- **Interests:** Networking, Cloud Computing, AWS Serverless Applications, Graphic Design, Cybersecurity, Web Design, GitHub
- **Professional Affiliations:** UMass ACM Cybersecurity Club, UMass IEEE, NSBE

ACADEMIC & INDEPENDENT PROJECTS

Open VPN Client Server   **April 2019**
- Utilized a raspberry as a VPN server to communicate with network router via UDP protocol
- Port forwarded the intended port for OpenVPN and initialized a client using 1024-bit encryption

Morse Code Interpreter   **February 2019**
- Programmed the Atmel Atiny817 microcontroller in a group of two in C environment where the user enters any text it will be analyzed to Morse code, translated via blinking LED.
- Tested conversion code by imputing given strings

Resume Analyzer   **September 2019**
- Created a text analyzer that processed a given text file and parses and keywords and attach associated weights and rate each given resume in numerical order
- Utilized Ubuntu OS via a virtual machine primarily used awk and bash to program with nano editor