Chidinma Ejiofor

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WORK EXPERIENCE

University of Massachusetts - Amherst   **Summer 2018 –Present**
Resident Assistant   *Amherst, MA*
- Assessed and responded to the needs of residents on campus
- Completed administrative duties through Microsoft Suite, G-Suite, and Zoom
- Created, planned, and implemented educational, social, and recreational programs to residents both in-person and virtual

Fidelity Investments   **Spring 2020 – Summer 2020**
System Engineering Intern
Merrimack NH
- Ported on-boarding documents to an online format by utilizing REST APIs and the Django backend
- Automated the creation of JIRA stories to increase efficiency of the in-house ticketing system
- Worked alongside different teams both onshore and offshore to collaborate on the project to meet project goals

Cal/Amp   **Summer 2019**
Summer Intern   *Canton, MA*
- Created Python automation scripts for maintaining and updating Excel sheets
- Aided in product testing in coordination with the Engineering and Supply Chain departments

University of Massachusetts - Amherst   **Fall 2017 – Spring 2018**
M5 Maker-space 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 found with hardware owned by maker-space members

TECHNICAL SKILLS

- **Operating Systems:** Windows, Linux, Entry Level MAC
- **Software:** MS Office Suite, VirtualBox, G-Suite, JIRA
- **Cloud & Networking:** Active Directory, TCP/UDP, Wireshark, IoT, AWS-Lambda
- **Programming:** Java, Bootstrap, JavaScript, C, C++, Git, Python, MATLAB, Bash, SQL
- **Professional Affiliations:** UMass ACM Cybersecurity Club, NSBE

PROJECTS

ServAlert:
- Creating a low-cost online smoke detector system utilizing nRF9160-DK, having both connected a IoT Twilio SMS chip and a Arduino smoke shield which collects data and sends it via LTE which connects to the Twilio API and alerts user via text message in response to high smoke data.
- Managed team tasks and assignments via JIRA.

Altera Imaging:
- Worked in a team to program the Altera board to be able to take a picture via a connected camera and store the image in a pixel buffer and manipulate the pixels to rotate, mirror, turn the picture black and white and add edge detection in which the results were presented to the professor

EDUCATION

University of Massachusetts Amherst   **August 2021**
Bachelor of Science in Computer Engineering   GPA: 3.21   *Amherst, MA*
Coursework: Math Tools for Data Science, Security Engineering, System Software and Networking, Embedded Systems Lab, Internet Privacy and Policy, Network Embedded Systems, Data Enabled Electric Networks, Design Principles for Low-Power Embedded Systems, Senior Design Project