Chika Nwachukwu

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WORK EXPERIENCE:

L3Harris, Rockwall, TX   Summer 2020 - Present
- Position of Software Engineer
    - Created additional UI features and functionality to a web interface and increased code coverage of backend services by 20 percent
    - Automated deployment and hardening of VMs to be used by customer
    - Documented multiple processes for deploying company software for customer
    - Currently developing secure data transmission solutions via streaming

Comcast, Philadelphia, PA   Summer 2019
- Position of DevOps Engineering Intern
    - Created an online dashboard that keeps record of specific repositories and their latest versions from Git Hub Enterprises
    - Dashboard improved organization and quality of software products by making easier for DevOps team to track software releases
        - Technologies used: Python, Concourse, Mkdocs
    - Provisioned and configured Virtual Machines and AWS EC2 instances using Packer and Ansible
- Position of Business Lead
    - Aggregated multiple data sourcing teams together to architect an internal analysis tool for a specific consumer demographic which helped improve customer analysis for the target market

PROJECTS:

Solar Energy Monitoring Project, Villanova University   Spring 2019 - Spring 2020
- Architected and developed an energy monitoring system for solar panels that is used in the Galapagos Islands
- Project promoted sustainable energy in the Galapagos Islands and improved energy consumption and maintenance of solar panels for the customer

MATLAB Image Processing Project, Villanova University   Fall 2017
- Clean simple program that emulates computer vision analysis by detecting the color intensities in an image
- Program detected and counted the number of skittles of each color in various images

SKILLS:
- C++
- Python
- C#
- Docker
- Linux
- Ansible

LEADERSHIP:

National Society of Black Engineers (NSBE), Villanova University   Fall 2016 - Spring 2020
- Positions of Membership Chair, Historian Chair, Academic Excellence Chair, and Secretary
    - Communicated events and executive decisions to the Villanova NSBE General Body

Phi Sigma Pi National Honors Fraternity (PSP), Villanova University   Spring 2018 - Fall 2018
- Position of Social Chair
    - Encouraged a warm and inclusive environment for our organization by planning events that will bring the brothers of PSP together