Jessie Nyarko

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Hardware Quality Assurance| MATLAB | OrCAD | Electrical Design | Power Amplifier | Quartus Prime | Circuit Design CMOS design | Microprocessor Architecture | Hardware Development | VHDL | Java | Computer Engineering

Hardware Engineer/Computer Engineer

Summary:

* Ability to solve complex software problems the best solutions, Installed motherboards, processors, RAM and graphic cards
* Set up, tested and configured networks, desktops, laptops and printers.
* Ability to performed diagnostic tests and repaired malfunctioning hardware and software
* Extensive experience in diagnosed, installed, configured and repaired computer systems and software
* Ability to perform Implementation, maintaining, and integration the network and server architecture
* Part of a team that enforced security policy complied with requirements of external security audits and recommendations
* Configured, installed, monitored and maintained software and hardware both for onsite and mobile workers.
* Provided site-related support for network technical problems and performance issues.
* Evaluated, maintained, modified and documents desktop application packages
* Consulted with and made recommendations to IT users on
* selection of hardware and software products to address business requirements.

Education: Montana State University, Bozeman, MT. May 2020

* Bachelor of Science, Computer Engineering GPA: 3.28/4.00
* Relevant Coursework: Electronics, Intro to VLSI Design

Work Experience

**Teaching Assistant Sept 2019 – May 2020**

**College of Engineering, Montana State University**

* Led sections of an introduction to electrical engineering class
* Assisted first and second-year students with their assignments on a one-on-one basis and helped them understand programming and electrical engineering concepts
* Graded first and second year students’ assignments and entered grades into the School’s database

**University Culinary Services Sept 2016 – Dec 2019**

**Montana State University**

* Trained new employees in the day-to-day operations of the cafeteria
* Worked at the cash register

**Visa Office Assistant Intern May 2018 – July 2018**

**Embassy of Ghana in Tel Aviv, Israel**

* Assisted the Consular Affairs Section in interviewing applicants for visas and consular services
* Processed visa applications –i.e. read through the submitted visa application forms to check whether they meet the requirements before passing it on to the Issuing Officer

**Front Desk Receptionist Oct 2015 – July 2016**

**Accra College of Medicine, Accra, Ghana**

* Greeted visitors and gave directions to the right office
* Answered phone calls and inquiries
* Provided tours of the facility
* Received and sorted mail and deliveries in a timely manner
* Performed clerical duties such as filing, photocopying, printing, and organizing documents

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| **Hard and Soft Skills**   * Java Knowledge * Analog/Digital Integrated Circuit * Skilled with Analytical Software * End-to-End Communication system analysis | * Microsoft Office Suite Proficient * MATLAB * Data Collection and Technical Analysis * Power Electronics |  |

**Activities:**

* Participated in activities of the Institute of Electrical and Electronics Engineers (IEEE) Montana State Student Branch, which were aimed at giving more insights into the electrical and computer engineering field
* Volunteered for the Black Student Union by manning tables and giving presentations
* Helped plan events for the African Student Association