Aslam Aliyu Resume

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EDUCATION

Binghamton University, SUNY | Thomas J. Watson College of Engineering and Applied Science
Bachelor of Science in Computer Engineering   *Expected May '23*
Regent College, Abuja FCT, Nigeria
Cambridge Advanced Level in Mathematics and Information Technology   *Graduated May '19*
Activities: Student Association, National Society of Black Engineers, Theta Tau Engineering Professional Fraternity

TECHNICAL SKILLS

Software and Languages: C#, C++,C, NodeJS, Python, C, JavaScript, HTML, SQL, MATLAB, VHDL, Power Bi, Excel, PowerPoint, Tableau, Ignition, AS400, Word, Access, Azure, Visual Studio Code, Hubspot
Certifications: Microsoft Office Specialist, Microsoft Excel Specialist, Microsoft PowerPoint Specialist, Solid Edge Certified, Intro to Python Programming, Ignition Certification

ENGINEERING/PROJECT EXPERIENCE

Senior Engineering Project: Lockheed Martin Autonomous Car   **Binghamton, NY**
Software Lead   *Aug '22 – Current*
- Implementing Machine Learning libraries and automation algorithms to develop an optimal path for a vehicle
- Met requirements such as road following, line detection, obstacle detection, variable throttle and adaptation.

Amphenol Aerospace   **Sydney, NY**
SCADA Process Engineering Intern   *May '22 – Aug '22*
- Working on ignition software with SQL, python, and Javascript to maintain and update their database
- Created and managed all operation of new tool and work order tracking websites with ignition with the use of Azure MRP and Maximo 7.6.1
- Aiding in AS400 MRP troubleshooting and problem solving an archaic platform
- Aided in migrating to a new DNC software with Progressive DNC and implementing Azure

Senior Engineering Project: Lockheed Martin Autonomous Car *Team Leader*   *August 2022 -Current*
- Managing a team of four on Machine learning being used for a current Autonomous Vehicle sponsored by Lockheed Martin

Website Development: Global Edge Consulting, Inc *Web Developer*   *February 2023 - March 2023*
- Developed and designed a website for a Bookkeeping and Business Consulting company, published using Hubspot CMS.
- Implementation of HubSpot functions and custom functions created with HTML and CSS.

PROFESSIONAL EXPERIENCE

Industrial Engineering Department, Binghamton University   **Binghamton, NY**
Student Assistant   *Jul '21 – Current*
- Provide support to department management for student registration as well as administrative duties
- Make independent decisions on behalf of the department for administrative concerns

LEADERSHIP EXPERIENCE

Student Association, Binghamton University   **Binghamton, NY**
Congressman/ Internal Affairs board member   *Sep '21 – Current*
- Elected representative for the Off Campus Community, representing over 8,500 undergraduate students at the highest level of student government at Binghamton

SA Diversity, Equity and Inclusion Committee member   **Binghamton, NY**
Student Diversity, Equity, and Inclusion Committee member   *Sep '21 – Current*
- Work on projects and facilitate bi-weekly discussions to develop inclusive policies and programming legislation

TECHNICAL SKILLS

Programming and Software: C++, Python, C, JavaScript, HTML, SQL, MATLAB, VHDL, Power Bi, Excel, PowerPoint, Tableau, Ignition, AS400,
Computer Hardware Simulations: Xilinx, ISE Design Suite, Solid Edge, SolidWorks
Familiar Platforms: Windows, MacOS, Android, Arduino, Papilio Duo, Unix, Linux, Raspberry PI
Certifications: Microsoft Office Specialist, Microsoft Excel Specialist, Microsoft PowerPoint Specialist, Solid Edge Certified, Intro to Python Programming, Ignition Certification
Interest: Soccer, Traveling, Barcelona FC, Gaming, Photography, Reading,