

# BASSEY UDE

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## EDUCATION

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**MSc Computer Science**, North Carolina A & T, USA May 2024  
GPA: 3.85/4

**BSc Computer Science**, Coventry University, UK Nov. 2015

## SKILLS

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- Python, Cyber Security, C++, R Studio, Google Cloud Computing, BigQuery, SQL, Generative AI, Data Analysis, IT Project Management, Research, Federated Learning, Team Leadership, Excellent Emotional Intelligence.

## EXPERIENCE

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**Graduate Research and Teaching Assistant** Aug 2022 - May 2024  
North Carolina A & T *Greensboro, NC*

- Team lead in the Cisco funded research projects on "bias mitigation in Federated Learning"; a decentralized approach for training machine learning models on multiple devices without centralizing data. This project led to the publication of a couple of journals.
- Design and automate syllabus, students academic records using blackboard application.
- Facilitating laboratory sessions and guiding students through complex topics and procedures, ensuring comprehensive understanding and addressing any challenges faced to enhance the learning process.

**Cloud Engineer** Jun 2017 - Feb 2022  
BaudSpace Warehouse *Lagos*

- Led a 6-person team in a 6-month long project to integrate sales technology solution; and completed it 30 days ahead of the deadline. This solution drastically reduced processing time and improved sales by 50% in the first year of implementation.
- Led a 5-man team of risk analysis and trend awareness which enhanced cybersecurity by enabling early detection and prioritization of threats, informed decision-making for resource allocation, and compliance adherence, crucial for robust defense in a dynamic digital landscape and drastically improved compliance rate to 25%.
- Supervised over 30 employees across regions and accessed both employee and sales performances using defined metrics and Tableau to determine training needs and define accurate pathways which increased productivity and led to a record staff promotions over the years.

**Database Administrator** Apr 2016 - Apr 2017  
Nigerian Army, National Youth Service Corps (NYSC) *Lokoja, Kogi State*

- Enhanced the Nigerian Army's capacity for data-driven decision making by implementing robust SQL database for comprehensive statistical analysis of personnel records; resulting in improved efficiency and accessibility.
- Designed and executed robust database backup, archiving, and storage strategies, leading to an enhanced data management process. This resulted in a 35% increase in system efficiency, a 30% reduction in data retrieval time, and minimized potential data loss risks in the organization.
- Volunteer team lead for Community Development Services (CDS), where I spearheaded a comprehensive road safety education initiative targeted towards high school students. This program aimed to drastically minimize the occurrences of road accidents. Leveraging innovative sensitization methods, we successfully instilled the importance of road safety measures among students, contributing to a safer community environment.