

CHUKWUEBUKA IJEZUE

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EDUCATION

Texas Tech University <i>Master of Science: Computer Science</i> <ul style="list-style-type: none">CGPA: 3.8 / 4.0Relevant Courses: Information Security, Pattern Recognition, Neural Networks, Software Analytics, Project Management	Lubbock, Texas August 2023 – May 2025
Bells University of Technology <i>Bachelor of Engineering: Mechatronics Engineering</i> <ul style="list-style-type: none">CGPA: 4.5 / 5.0 (3.7 / 4.0)Relevant Courses: Artificial Neural Network, Android Application, Object-Oriented Programming, Microprocessor Architecture and Programming.	Ogun, Nigeria September 2017 – August 2022

EXPERIENCE

Texas Tech University <i>Teaching Assistant</i> <ul style="list-style-type: none">Managed classroom activities and student performance data for over 100 students.Built and maintained weekly grading trackers and dashboards to monitor student performance against KPIs.Interpreted performance data to help instructors make informed decisions around student support.Address student concerns and complaints professionally, fostering a supportive learning environment.Complete data entry tasks accurately to record student scores and maintain grade records	January 2024 – Present
Huawei Technologies Co., Ltd <i>Data & Integration Analyst (Datacom)</i> <ul style="list-style-type: none">Created dashboards in Tableau and Excel to track network device performance and inform senior leadership decisions.Ran SQL queries on network logs to identify usage patterns and performance bottlenecks.Built and maintained ETL pipelines in SQL and Python to integrate data across multiple platforms.Assisted in integrating 10 routing nodes and set up monitoring instances on Huawei NCE, the network management system.Used Huawei Cloud to store and process large network datasets.	October 2022 – August 2023
Huawei Technologies Co., Ltd <i>Tools Automation Intern</i> <ul style="list-style-type: none">Helped automate network fault reports and monitoring processes, reducing the need for manual checksChecked SQL and Java code for errors and fixed bugs to make sure the programs ran correctly.Improved Huawei's OWS platform by designing and updating workflows for better fault detection and reporting.Wrote detailed test reports and solution plans, which were reviewed and used in both test and production environments.Assisted in upgrading Huawei's routing software to enhance security and performance	April 2021 – September 2021

SKILLS

Languages and Tools: Python, SQL, Java, Excel, Tableau, Power BI, Pandas, NumPy, Scikit-learn, AWS, Matplotlib, SciPy, Dash
Hard Skills: Kubeflow, XGBoost, TensorFlow, PyTorch, Deep learning, Test automation, Prompt Engineering, LLM Orchestration (LangGraph), Prompt engineering, ETL, Data Modeling, REST APIs, DSPy, Docker
Soft Skills: Motivated, Teamwork, Ambitious, Innovative thinker, Enthusiastic, Creative, Eager to learn, independent research

CERTIFICATES

- IBM Data Science Professional Certificate
- AWS Cloud Support Associate

PROJECTS & RESEARCH

- Advanced Brain Segmentation Using EMCAD:** A research project focused on performing brain tumor segmentation using Efficient Multi-scale Convolutional Attention Decoding. ([link](#))
- Console-based Retrieval-Augmented Generation (RAG) Application:** A console-based application leveraging Retrieval-Augmented Generation to provide context-aware responses by combining information retrieval and text generation. ([link](#))
- Hope Classification in Textual Data:** A transformer-based project focused on classifying hope in textual data, aimed at understanding emotional tones for applications in mental health and social analysis. ([link](#))
- Benchmarking NP-hard problems with QAOA:** A group research project assessing the effectiveness of the Quantum Approximate Optimization Algorithm (QAOA) in solving canonical NP-hard problems, including Knapsack, MAXCUT, and the Traveling Salesman Problem (TSP). ([link](#))