

# CHUKWUEBUKA IJEZUE

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## EDUCATION

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

## EXPERIENCE

<b>Texas Tech University</b> <i>Teaching Assistant</i> <ul style="list-style-type: none"><li>Managed classroom activities and student performance data for over 100 students.</li><li>Built and maintained weekly grading trackers and dashboards to monitor student performance against KPIs.</li><li>Interpreted performance data to help instructors make informed decisions around student support.</li><li>Address student concerns and complaints professionally, fostering a supportive learning environment.</li><li>Complete data entry tasks accurately to record student scores and maintain grade records</li></ul>	January 2024 – Present
<b>Digital Echoes</b> <i>Data Analyst (remote)</i> <ul style="list-style-type: none"><li>Queried and analyzed operational datasets using SQL to identify usage trends and performance bottlenecks.</li><li>Created clean, insightful dashboards using Tableau and Excel to support client decision-making.</li><li>Built and maintained ETL pipelines using SQL and Python to support platform integrations.</li><li>Supported the development and deployment of ML models that improved sales forecasting and decision making.</li><li>Used cloud services to store, process, and analyze large datasets.</li></ul>	September 2022 – August 2023
<b>Huawei Technologies Nigeria, Company Limited</b> <i>Tools Automation Intern</i> <ul style="list-style-type: none"><li>Developed automation scripts to streamline platform performance monitoring.</li><li>Diagnosed and resolved API-related issues and SQL bugs in production scripts.</li><li>Assisted in integrating 10 new data devices into customers' network systems.</li><li>Authored technical documentation and reports for implemented solutions.</li></ul>	April 2021 – September 2021

## SKILLS

<b>Languages and Tools:</b> Python, SQL, Java, Excel, Tableau, Power BI, Pandas, NumPy, AWS, Matplotlib, SciPy, Dash
<b>Analytics:</b> KPI tracking, Data cleaning, Exploratory analysis, A/B Testing, Data storytelling, Customer Segmentation
<b>Soft Skills:</b> Motivated, Creative, Eager to learn, Excellent written and oral communication skills, Collaboration, Curiosity, Integrity, Adaptability

## CERTIFICATES

- IBM Data Science Professional Certificate
- AWS Cloud Support Associate

## PROJECTS & RESEARCH

- 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](#))