Akeem Mohammed

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EDUCATION

Florida State University   Tallahassee, FL
Master of Science in Computer Science   *Fall 2025*
Texas Tech University   Lubbock, TX
Bachelor of Science in Computer Science; minor in Mathematics   *Fall 2023*
- Rich Engineering Scholarship   *2022 – 2023*

EXPERIENCE

Bank of America   New York City, NY
Global Technology Summer Analyst Intern   *June 2023 – Aug 2023*
- Collaborated on end-to-end ETL process with Data Technology team utilizing Autosys for efficient loading, monitored logs via secure SSH tunnel Putty Unix.
- Employed Teradata Studio for optimized data file management, enhancing storage efficiency.
- Validated cash advance and foreign check data in Teradata Studio (development mode) for quality.
- Executed targeted data visualization via SQL queries, ensuring high data quality in the ETL process.

Texas Tech University Advanced Technology Learning Center   Lubbock, TX
Lead Student Technician III   *Nov 2022 – Dec 2023*
- Initiated the idea of having students work during the weekends to have necessary students during peak usage time.
- Collaborated on an inactivity script, automating user logout after a designated period of computer inactivity.
- Led team of 5 to supervise school computers, mobile laptops and computers daily.

Lead Student Technician II   *May 2021 – Nov 2022*
- Supervised 43 campus printers to ensure high uptime and proper functioning.
- Networked at least 57 computers onto Texas Tech University's intranet running programmed scripts.
- Utilized Quest KACE software to transmit patches and upgrade vulnerabilities through the KACE servers.

PROJECT EXPERIENCE

Digital Mosaic   Tallahassee, FL
ColorStack Group Project   *Jan 2024 – Present*
- Collaborating with a ColorStack team member to build a job board catering to Afro students in the STEM field.
- Architecting the website's backend, encompassing MongoDB, login/logout, various features and security protocols.
- Incorporating FindWork.dev API to display the job postings.

Tech Stack: MongoDB, Reactjs, Node.js

Paper Trading App   Lubbock, TX
Capstone Project   *Sept 2023 – Dec 2023*
- Built a risk-free trading platform with ReactNative and Django, powered by alpaca API.
- Used Visual Basic to effectively establish a new user interface that improved user experience significantly.
- Integrated streaming market data from the Alpaca API for real-time trading simulation.
- Designed with an educational focus, promoting financial literacy and responsible investing practices.

Tech Stack: Python, Django, React Native, Alpaca API

Red Wine Quality Final Class Project   Lubbock, TX
Computational Thinking with Data Science   *May 2023*
- Created logistic regression model to evaluate wine quality using chemical attributes and sensory data.
- Innovated a user-friendly interface for diverse physicochemical input, streamlining wine qualities assessment.
- Achieved a notable 90% accuracy score using logistic regression to analyze physicochemical properties.

Tech Stack: Python, NumPy, Seaborn, Pandas

CERTIFICATIONS & INVOLVEMENT

- Cisco: Introduction to CyberSecurity   Jan 2024
- AWS technical essentials   Jan 2024
- Getting Started with DevOps on AWS   Dec 2023
- ColorStack Fellow   Aug 2023
- First Place iLaunch at Texas Tech Innovation Hub   Nov 2018

TECHNICAL SKILLS

Java, Django, DigitalOcean, AWS, Filezilla,Swift, Stripe API, Paypal API, PuTTY, PHP, MySQL, Autosys, Teradata