Oyeyinka Olalekan Adegoke

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PERSONAL PROFILE

I am a data-driven and analytical Computer Scientist with a strong foundation in project leadership, data analytics, machine learning, and IT solutions. I have hands-on experience in data processing, predictive modelling, and database management, demonstrated through projects such as Construction Accident Prediction System and Student Information Kiosk. My expertise in SQL, Python, and AI technologies allows me to derive valuable insights from large datasets, supporting data-driven decision-making and business intelligence. I am excited to apply my skills in big data analytics and AI to contribute to innovative solutions in a technology-driven environment.

EXPERIENCE

Off to Work | Hospitality Assistant

October 2022 – February 2023 (Agency – Flexible Work)

- Developed problem-solving and communication skills in high-pressure environments.

- Managed data-driven service improvements, enhancing efficiency and customer satisfaction.

Midenix Technologies, Ibadan, Nigeria | Computer Engineer
September 2019 - July 2022

- Implemented IT solutions by optimizing systems for better performance and reliability.

- Conducted hardware testing and data analysis to reduce system downtime.

- Assisted in network and database management, improving workflow efficiency.

EDUCATION

University of Bedfordshire, Luton, UK

BSc (Hons) Computer Science – First Class (September 2022 – July 2025)
Coursework: Data Structures, Operating Systems, Big Data & Analytics, Database Management, SQL, Machine Learning, Cybersecurity, Business Strategy & AI Applications.

Midenix Technologies, Ibadan, Nigeria

Certificate in Computer Hardware Engineering, Graphics Design, and Basics of Networking (July 2018 - July 2019)

- Awarded Overall Best Engineering Student

Mount Sinai College, Ibadan, Nigeria

Western Africa Examination Council (WAEC) (September 2012 - May 2018)

- Achieved 7 GCSEs, including Mathematics and English.

AWARDS & ACHIEVEMENTS

- University of Bedfordshire Computer science and technology project exhibition - First place award - 2025

- Gold Award for the Construction Accident Prediction system - SwitchShop Limited - 2025

- Stars of the Month Award – Off to Work (2023)

- Overall Best Engineering Student – Midenix Technologies (2019)

- Outstanding Assistant Senior Prefect – Mount Sinai College (2018)

- Best Data Processing Student – Mount Sinai College (2018)

CERTIFICATIONS

- Programming Essentials in C++ – Cisco (Ongoing)

- Cybersecurity Essentials – Cisco (Completed April 2024)

- CCNAv7: Introduction to Networks – Cisco (Completed September 2023)

PROJECTS & LEADERSHIP EXPERIENCE

Construction Accident Prediction System (Machine Learning, 2025) | Project Lead/Developer

- Developed a predictive analytics model to assess accident risks in construction sites.

- Applied machine learning and data analytics to analyse trends in historical and real-time datasets.

- Utilized SQL and Python for data processing, visualization, and insight generation.

H5Q Game (2025) | Quality Manager

- Led data-driven quality assurance, using error tracking and debugging techniques.

- Managed data analysis for user behaviour, optimizing game performance and experience.

Student Information Kiosk (Oracle-based, 2024) | Developer

- Designed and implemented a database-driven information system for students.

- Utilized SQL and database modelling to optimize query efficiency.

Hotel Booking System (Java-based, 2023) | Developer

- Developed a functional booking system with MySQL database integration.

- Created a data visualization dashboard for tracking reservations.

Taxi Booking System (Python-based, 2022) | Developer

- Built a Python-based taxi booking system utilizing data analytics for trip optimization.

- Focused on efficient data handling and customer insights extraction.

SKILLS

Technical Skills

- Big Data Analytics, SQL, Python, Data Modelling, AI & Machine Learning

- Database Management, Data Visualization, Business Intelligence

- Microsoft Office Suite (Word, PowerPoint, Excel)

Data & Problem-Solving Skills

- Data Analysis & Predictive Modelling – Experience handling large datasets and extracting insights.

- Visualization & Reporting – Ability to create clear, actionable data presentations.

- Business Strategy & Decision Making – Applying data-driven insights for operational improvements.

- Problem-Solving & Critical Thinking – Strong analytical mindset with a focus on data-driven decision-making.

EXTRACURRICULAR ACTIVITIES

- Participant, Career Mentorship Program – Global Purpose Enterprise (Technology Focus)

- Participant, J.P. Morgan Advancing Black Pathways in Technology

- Attendee, EY African-Caribbean London Event

ADDITIONAL INFORMATION

- Interests: Data Analytics, AI & Machine Learning, Business Intelligence, Smart Technologies

- Hobbies: Reading, Football, Table Tennis, Running

- Languages: English

REFERENCES

Available upon request.