

ANGEL ARIYIBI

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PROFESSIONAL SUMMARY

Forward thinking Data and AI MSc applicant with a good understanding of data science applications and experience in Data Science project, Project Management, and AI Development. Proven record in driving revenue growth, improving business systems, and generating actionable data insights in real-life scenarios. Wide experience handling complex data sets, AI, Python, SQL, and effective stakeholder communication, with a passion for continuous learning and a drive to use analytical and problem-solving skills.

EDUCATION

Keele University **Sep 2023 – Expected Jan 2025**
(MSc) Masters of Artificial Intelligence and Data Science - Predicted 1st

- Relevant modules: Systems Design & Programming (95%); Data Analytics and Databases (90%); AI and DS Maths (89%), Visualization for Data Analytics (81%), Cloud Computing (75%)

(BSc) Bachelor of Science with Honours in Biomedical Science - 2.1 **Sep 2021- Jun 2023**
Staffordshire University **Sep 2020 - May 2021**
(CertHE) Certificate of Higher Education in Biological & Biomedical Science - 2.1

PROFESSIONAL EXPERIENCE

Mondrem CIC
AI Engineer **July 2024 - Present**

- Conceptualized and developed **6+** variations of custom AI copilots, tailored to clients' specific needs and service user requirements. Detected inefficiencies and scalability issues, recommended alternative approaches to save company time and resources, and incorporated feedback to continuously improve copilot functionality and enhanced operational efficiency while simultaneously communicating technical terms with non-technical audiences.
- Investigated various large language models (LLMs) and natural language processing (NLP) techniques to enhance custom AI capabilities. Evaluated and tested different methods to determine the most effective approaches for specific use cases, resulting in optimized performance and improved user satisfaction.

Business Digital Systems Design Lead **Mar 2024 - May 2024**

- Established new sales pipeline, project management system and invented a unique CRM tagging system to drive continuous improvement, significantly increasing business efficiency, assisting in a revenue boost of over **£5k**. Cleaned and maintained CRM data to ensure compliance with data laws, optimizing client-business relationships through digitally transforming staff's use of current systems (Xero, Capsule, Zendesk, etc..). and leading to a **95%** increase in staff satisfaction.
- Designed automation process to improve team communication and task delegation leading to saved time and resources, smooth hand over processes and coherent communication across the team.

Innov8 Agency
Social Media Executive and Analyst **Mar 2024 - Apr 2024**

- Successfully increased TikTok following by over **80%** within two weeks using past and current media through analysed platform data, collaborating with the CEO on business requirements, researching search engine optimization (SEO) strategies and strategically planning marketing initiatives.
- Filmed, edited and directed unique content tailored to TikTok's short-form format, ensuring it captured audience attention within the first few seconds.

PORTFOLIO PROJECTS

[Data Management and Statistical Analysis for Car Sharing Service](#)

- Used Python and SQLite3. Accessed and cleaned a dataset of **1,000+** records, categorized data, and stored it in a structured database. Conducted statistical analyses, including Pearson's correlation coefficient and ANOVA. Developed ARIMA and Random Forest models, significantly improving demand forecasting accuracy. Used time series analysis to identify peak usage times and seasonal patterns, providing actionable insights for strategic planning.

[Machine Learning for Disease Prediction in Healthcare](#)

- Developed a machine learning model for assisting medical staff with disease prediction using Python and a CSV file containing over **10,000** data points. Accessed and cleaned the dataset, performed feature selection and encoding, and handled imbalanced data. Performed statistical analyses, including correlation and feature importance analysis. Used decision trees and neural networks, using a stacking classifier to combine their strengths. Achieved perfect scores across most evaluation metrics, which confirmed the model's effectiveness.

Big Data Analytics and Machine Learning for Cybersecurity Incident Response

- Collaborated with a team of 4, using Python and Apache Spark, to process over **40,000** data points. Performed various visualization techniques, including stacked bar charts and area plots, to display responses to cyberattacks and anomaly scores over time. Applied PySpark for distributed data processing and feature engineering. Developed machine learning models, including random forest classifiers, for anomaly detection and predictive modelling, providing investigatory insights into cybersecurity attack patterns.

LEADERSHIP AND PROFESSIONAL DEVELOPMENT

Keele Afro Caribbean Society (KACS)

Coordinator

Sep 2023 – Jun 2024

- Led a team of 10, achieving a **45%** increase in membership in the first two weeks. Declared a Woman of Keele 2024 - Implemented a Black history month Blog on behalf of Keele, represented the KACS community and promoted multiple black student businesses. Connected students with Jobs and opportunities, earning students over **£3k** collectively. Managed **5+** events & activities, collaborating with organisations like 10,000 Black Interns.

Keele School of Computer Science

Student Voice Representative

Sep 2023 – Jun 2024

- 1 amongst 10 selected, collaborated with **8+** fellow representatives, as a key liaison addressing student issues & implementing improvements. Advocated for and successfully securing improved resources for the student body. Managed relationships with various University “key stakeholder” Members (students, faculty, administration), Keeping both parties satisfied even though all requests could not always be fulfilled.

SKILLS & QUALIFICATIONS

- **Technical skills** - Python (Intermediate), SQL (Intermediate), Java (Previous experience), R (Beginner), Large Language Models (LLM), Natural language processing (NLP), Machine learning (ML) Techniques, Data Management, Amazon Web Services (Beginner), Azure Database, Azure AI, Microsoft (MS) 365, VBA (Beginner), Exploratory Data Analysis (EDA).
- **Functional Skills** - Data Analysis, Project Management, Analytical Thinking, Presentation, Communication, Collaboration.
- **Courses or Certificates** - Azure AI Fundamentals, Google Data Analytics, Green Digital Skills, AWS Cloud Foundations, Microsoft 365 Excel Essential Training.
- **Extra-Curricular** - Coding Projects, Public Speaking, Content Creation, Mentorship, Lloyds Banking group mentee.

RECOMMENDATIONS

Amanda Uwase - “...With her background in science, she takes a very strategic approach to all the projects she is handed and always completes them efficiently and to a high standard! Her attention to detail and leadership qualities is what makes her.”

Duaa Waseem - “Angel truly stands out due to her unique ability to demonstrate unwavering dedication and commitment alongside compassion and kindness for her peers...”

References can be found [HERE](#)