

+234 (907) 623-7980
Lagos, Nigeria
faithfulmiracleajah@gmail.com

Faithful Ajah

Data Scientist

Portfolio: bit.ly/FaithfulAjah
github.com/sheidheda
linkedin.com/in/faithful-ajah

Skilled Data Scientist with experience developing and implementing analytic models to improve business outcomes. First place winner of the ALX Africa Recommender System Kaggle Competition. Successfully led a team of over 30 data scientists in developing and improving predictive models, resulting in a 20% increase in revenue and a 10% decrease in churn. Implemented natural language processing models to enhance customer service interactions, resulting in a 15% decrease in customer complaints.

SKILLS

Languages	Python, SQL, JavaScript, MATLAB
Tech Stack	Git, Tensorflow, PowerBi, AWS, Jupyter Notebook (Anaconda), PyCharm, LaTeX, React.js

TECHNICAL EXPERIENCE

ROLE / Data Scientist (Intern) **May 2023 — Present**
Sand Technologies(exploreAi) *Lagos, Nigeria (Hybrid)*

- Worked in a cross-functional team with Software Engineers, Analysts, and Product Managers within the Forecasting and Optimisation domains.
- Improved recommender system algorithm by 10% RMSE error, contributing to improved savings due to better stock management
- Led the Data Science Sustainable achiever club, where we regularly present and discuss the latest research in the field.
- Carried research and development utilising NLP Topic Modeling techniques, specifically Bertopic and LDAvis, to identify key themes within positive and negative reviews.
- Used XGBoost to forecast sales. The model was optimised through Bayesian Hyperparameter Tuning, resulting in an enhanced accuracy (RMSE) of 80% compared to the previous iteration.

ROLE / Research Scientist **Sept 2022 — Mar 2023**
MOUAAU labs *Abia, Nigeria*

- Conducted an in-depth analysis of the UN SDG 6 on water supply in Africa using Power BI and simulated possible solutions.
- Conducted novel research on enhanced power generation using muons by studying their properties when confined in quantum dots. This research was commended and recognized by the dean.
- Used MATLAB coding software to collect data and analyze the simulated behavior of several confining materials.

ROLE / Web Developer (fellow) **2021 — 2023**
ALX Africa *Lagos, Nigeria*

- Developed front-end components and features using ReactJS, contributing to a 15% improvement in application performance.
- Collaborated with senior developers, resulting in a 20% enhancement in user interface designs.
- Conducted comprehensive testing and bug fixing, achieving a 98% reduction in application-related issues and ensuring 100% smooth functionality.
- Contributed to creating documentation and user guides for front-end development processes, streamlining the onboarding process for new team members.

EDUCATION

Degree in Data Science, ExploreAi Academy May 2023
Bachelor of Science in Physics: 1st Class (87%), Michael Okpara University 2018 - 2023

ACTIVITIES

First place winner of the ALX Africa Recommender System Kaggle Competition. June 2024
MasterCard Foundation scholarship winner. May 2023
Sustainable Achiever's Team Lead. Over 50 members across more than 8 different countries. 2024
Vice chancellor's commendation award winner for exemplary academic performance Fall 2022
College of Physical and Applied Sciences Student Project Showcase, Research Presenter Spring 2023
Recipient of the Dean's Award for Exemplary Research Project (Michael Okpara University) 2023