

EMMANUEL IKOGHO OKEOGHENE

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EDUCATION

Electrical Engineering University of Benin, Nigeria.	Aug. 2018 – Present
Data Analyst Professional Azubi Africa	Sep. 2022 – Jun. 2023

WORK EXPERIENCE

Data Analyst Intern, Linkorion Technologies, Nigeria.	Jun. 2023 – Present
<ul style="list-style-type: none">• I Prepare raw datasets provided by stakeholders for data analysis and machine learning, ensuring data quality, integrity, and compatibility with the project requirements.• Developed and implemented traditional time series models to forecast future sales of drugs for a pharmacy, resulting in a 5% improvement in prediction accuracy. This helps to prevent overstocking of drugs.• Actively contributed to the company's blog by writing insightful articles on data science topics, resulting in a significant increase in blog ratings from 500 to 3000 within just 2 weeks.	
AI Community Surfer, Telus International, Remote (Part-Time)	May. 2023 – Present
<ul style="list-style-type: none">• Answered questions from users in the AI community about machine learning and data science.• Contributed to the development of educational resources such as videos for the AI community.• Collaborated with other AI community surfers to improve accuracy of training for hit apps.	
Teacher's Assistant, KidsCode Innovation Hub, Nigeria.	Feb. 2020 – Apr. 2020
<ul style="list-style-type: none">• Helped students at to win 2nd place at tech festival.• Worked with lead teacher to organize projects aimed at teaching kids how to code.	

VOLUNTEERING EXPERIENCE

Lab Assistant, Reliance Medical Laboratory, Nigeria.	Mar. 2022 – Nov. 2022
<ul style="list-style-type: none">• Greeted 100 patients per week and answered 200 questions about tests, requirements, and opportunities.• Improved the accuracy of patient records by 5% by implementing data entry system with google sheets.	

PROJECTS

<u>Predicting Customer Churn</u>	May. 2023 – Jun. 2023
<ul style="list-style-type: none">• In this project, the goal was to predict customer churn for a telecom company by analyzing various customer attributes and behaviors.• I trained 6 different machine learning algorithms, compared and evaluated them using default hyperparameters. After which I fine-tuned the best performing model using GridsearchCV which gave it 2% more accuracy.• I collaborated with a team to conduct an exploratory data analysis on the dataset, and provided valuable insights and recommendations for improving customer retention in the telecommunications company.	
<u>Sentiment Analysis</u>	Feb. 2023 – Mar. 2023
<ul style="list-style-type: none">• We used hugging face transformers to fine-tune models that predict the emotion of covid-19 tweets. The model was deployed as a web application using streamlit.• I worked with a team to conduct data preprocessing and tokenization of the text data. We used GPU runtime on Colab which significantly shorted the runtime of training.	
<u>Classification: Detection of Sepsis</u>	Jan. 2023 – Feb. 2023
<ul style="list-style-type: none">• We developed a model using clinical data to accurately identify sepsis risk. We deployed the model as a FastAPI-based API using Docker.• I cleaned the dataset and created new features for the dataset which raised the evaluation score of the best performing model from 0.69 to 0.89.	

SKILLS

Technical skills: python, mySQL, power BI
Others: Streamlit, Docker, FastAPI, Excel, Gradio