

SUMMARY

Experienced data scientist with over 3 years of expertise in machine learning, data analysis, and data-driven solutions. Skilled in data preprocessing, feature engineering, data analysis, model development, and evaluation. With a technical background, I have a solid understanding of statistical concepts. I am eager to embrace new technologies that will enhance efficiency.

SKILLS AND TECHNOLOGIES

- * Programming Languages: Python, SQL
- * Machine Learning: TensorFlow, PyTorch, LLMs, BERT, BLOOM, Pandas, Sci-kit Learn, NLP,
- * AI Framework: Langchain, Langgraph, HuggingFace, OLLAMA, RAG, OpenAI, Google GenAI, Groq, Tavily,
- * Database: FAISS, Qdrant, MySQL, MongoDB, SQL server, SSMS,
- * Data Analysis and Visualization: Pandas, PowerBi BI, Tableau, Excel, Seaborn, Matplotlib, Dash, Plotly
- * Automation tools: n8n, make, processmaker
- * Agile Methodologies: Jira, Asana, ClickUp, Notion
- * Version Control: Git
- * Web Framework: streamlit, flask
- * Cloud Platforms: Azure Cloud, Google Cloud Platform (GCP), Amazon Web Services (AWS), Virtual Machines

EXPERIENCE

CardinalStone – (Hybrid)

Lagos, Nigeria

CardinalStone is an independent, multi-asset investment management firm offering various financial services to a diverse institutional, high net worth, and retail clientele base. The company began operations in June 2008 and its business is conducted across six divisions – Investment Banking, Asset Management, Securities Trading, Trust Services, Registrar Services, and Financing.

Data Scientist -

Jan 2024 – to date

- * I built a retrieval-augmented generation chatbot using the OpenAI LLM model that has web-search and scraping functionalities for the research team. It enables them to interact with historical trading data and news, so they spend less time on data mining for their report.
- * I automated data consolidation for the Assets Management subsidiary using Python to fetch data from various sources via endpoints and webscraping, and storing them in an SQL server for analysis and reporting use cases.
- * Built comprehensive interactive dashboards using PowerBi for the Securities subsidiary to track Nigeria Stock's daily trades, and managed data sourcing, wrangling, and storage using Python while using SQL to interact with the SQL server.
- * I provide weekly insights and recommendations on securities trading by carrying out time series analysis.
- * I created interactive dashboards using PowerBi for Investment advisors to gain insights into their performance and also track customer engagement using PowerBi. This aided faster decision-making
- * Increased the accuracy of stored data by carrying out data validation and wrangling using SQL scripts.
- * Collaborated with the IT team to work on company CBA migration by handling data cleaning and automation.

Norebase – (Remote)

Lagos, Nigeria

Norebase is a business services platform that simplifies the process of starting, scaling, and operating businesses, particularly in Africa. It provides a range of services, including company registration, obtaining local licenses and permits, and trademark registration. Norebase's primary clients are startups and established businesses looking to expand their operations into new markets, particularly in Africa.

Data Scientist -

Sept 2022 – Dec 2023

- * Developed a sophisticated data pipeline to optimize the customer funnel for marketing campaigns using Matomo analytics. It resulted in a 20% increase in conversion rates because we could identify bottlenecks in the process.
- * I designed and deployed several bots using Python, Azure functions, and Selenium for daily operational tasks such as making portal payments and registrations.
- * Designed, developed, and maintained interactive dashboards using Google Data Studio (Looker) and Python to consolidate data from diverse sources, including offline data, Google Ads, and Google Analytics. The dashboards provided real-time insights, empowering the team to make data-driven decisions promptly.
- * Carried out A/B testing to improve user experience on the website using Mixpanel and Matomo for analytics, providing recommendations for the engineering team
- * I conducted in-depth competitive research analysis, evaluating key performance metrics and market trends to identify opportunities for growth and improvement.
- * Carried out data gathering, cleaning, and advanced data wrangling using SQL and Python to present insights, enabling the executive team to make informed strategic decisions.

Punch LLC – (Remote)

Lahore, Pakistan

Punch is a full-service digital agency. Provider of digital consulting services. The company specializes in rendering web design and other digital consulting services for businesses.

Machine Learning Engineer

Feb 2021 – Aug 2022

- * Developed and fine-tuned highly accurate NLP models for multiclass classification of emails, leveraging state-of-the-art models such as BERT and NLNM. These models significantly improved email categorization and response times.
- * Conceptualized and implemented a logic system to automatically identify sales opportunities within incoming emails using advanced NLP techniques, resulting in enhanced lead generation and sales team efficiency.
- * Utilized the NLP model to create a groundbreaking automated response system for sales emails, reducing response times and improving customer engagement.
- * Established a robust pipeline for data wrangling, model retraining, and updates, ensuring the reliability and scalability of machine learning solutions.
- * Successfully deployed machine learning models as APIs using Flask, enabling seamless integration into existing systems.

EDUCATIONAL BACKGROUND

Bachelor of Science (B.Sc.) - Electronic and Electrical Engineering
Obafemi Awolowo University, Ile-Ife

May 2015 –Feb. 2020

PUBLICATION

[Deep Learning Model to improve Melanoma Detection in people of color](#)

Taylor & Francis Online · Mar 4, 2023