

DESIRED POSITION

- Data Scientist, Machine Learning Engineer, MLOps Engineer, Machine Learning Researcher

EXPERIENCE

- **Algora inc**

*Data Scientist/Machine Learning Intern*

Nigeria, Lagos

Feb 2024 - Present

    - **Machine Learning:** Reduced deployment times on AWS by 25% using CI/CD automation .
    - **Experiment Tracking:** Utilized DagsHub and MLflow for experiment tracking, improving metric visibility and accelerating model optimization by 25%.
    - **Algorithm development:** Developed an algorithm for forecasting sales, improved sales by 15%.
    - **Testing:** Developed unit tests using Pytest for data manipulation and modeling features, increasing code coverage from 55% up to 95%.
    - **Data storage:** Built an ETL pipeline to extract API data and store it in MongoDB Atlas, reducing data retrieval time by 30%.
    - **Data Gathering:** Developed a comprehensive web scraping solution to gather rental market data,Provided insights into over 200 properties.
  - **Bramz International Ventures (Supply)**

*Junior Data Analyst*

Nigeria, Lagos

July 2023 - Dec 2023

    - **Data Optimization:** Optimized data gathering procedures in collaboration with cross-functional teams, increasing data accuracy and efficiency by 30%.
    - **Supplier Performance Analysis:** Utilized Power BI to Analyze supplier performance metrics to identify improvement areas, reducing procurement costs by 12%.
    - **Logistics Process Improvement:** Streamlined logistics processes by optimizing transportation modes and routes, cutting expenses by 20% while maintaining delivery schedules.
    - **Marketing Campaign Analysis:** Analyzed campaign performance data in SQL and Power BI, identifying high-performing strategies that increased ROI by 18%.

PROJECTS AND RESEARCH

- **Machine Learning Predictive Life Cycle Project (Personal)**
  - **Title:** Regression Approach: Laptop Price Prediction
  - **Technologies Used:** MongoDB Atlas, AWS (S3, EC2), Grafana, Saturn Cloud, DagsHub, CI/CD, Git, MLflow, Scikit-learn, Docker, Flask API
  - **Outcome/Impact:** Enabled faster deployments through seamless automation, reduced manual errors, and improved deployment efficiency.
  - **Description:** Developed a predictive model to estimate laptop prices using regression techniques.
- **Recent Projects**
  - **Project 1:** Credit Card Payment Prediction (Collaborative Project)
  - **Project 2:** Sentiment Analysis of YouTube Comments using Apache Airflow (Collaborative Project)
  - **Portfolio Website:** <https://www.datascienceportfol.io/Patrick090>
- **Publication (2024)**
  - **Title:** Beware of the Accuracy Trap!
  - **Journal/Conference Name:** Medium
  - **Summary:** Explores the limitations of accuracy in evaluating models, particularly for imbalanced datasets.

EDUCATION

- **Cyprus International University**

*M.S. in Information Technologies*

Nicosia, Cyprus

July 2023
  - **Delta State University**

*B.Sc. in Mathematics*

Delta, Nigeria

September 2019

TECHNICAL SKILLS

- **Programming Languages**

*Proficient: Python, SQL; Familiar with: C++, NodeJS*
- **Technologies, Tools, and Libraries**

*Langchain, Hugging Face, AWS SageMaker, Power BI, Excel, Git, PostgreSQL, Scikit-learn, Pandas, NumPy, NLTK, Docker, Flask*