

**Afolabi A. Solomon**  
**Entry-level Data Scientist**

**LinkedIn**

**Email**

**Phone**

**EDUCATION**

Enugu State University of Science & Technology, Agbani, Enugu State  
B.Sc. Industrial Physics (Second Class Upper Division)

2018 – 2022

**EXPERIENCES**

**Data Science Internship**

March 2024 – Present

Hamoye AI, Lagos state, Nigeria

- Conducted exploratory data analysis (EDA) to identify key trends, patterns, and outliers in large datasets, providing actionable insights to stakeholders.
- Collaborated with cross-functional teams to translate business requirements into data-driven solutions, contributing to the development of innovative analytical models and algorithms.

**Energy Intern**

November 2021 – April 2022

Transmission Company of Nigeria, Enugu state, Nigeria

- Developed and implemented comprehensive monitoring processes for electrical system performance. Analyzed daily voltage data to swiftly identify anomalies, ensuring prompt troubleshooting and maintaining operational efficiency.
- Investigated energy consumption trends, voltage fluctuations, and system disturbances, resulting in a 15% reduction in energy costs through proactive maintenance scheduling.
- Applied sophisticated data analysis techniques to optimize energy efficiency, driving substantial improvements in energy management strategies.

**PROJECTS**

**House Loan Prediction** | Python, Scikit-Learn, Seaborn, Numpy, Pandas, Power BI

- Developed and implemented innovative data science methodologies, resulting in expedited approvals and reduced operational costs.
- Achieved exceptional accuracy in loan approval predictions, mitigating financial risks and empowering decision-makers with informed lending decisions.
- Conducted rigorous evaluations of model performance, validating predictive efficacy, and reinforcing a commitment to data-driven decision-making.

**Fake News Prediction** | Python, Scikit-Learn, Scipy, Seaborn, Numpy, Pandas, XGBoost

- Led comprehensive exploratory data analysis efforts, improving model accuracy and providing valuable insights for decision-making.
- Identified and rectified missing values, enhancing model accuracy and reliability.
- Implemented TF-IDF text data conversion techniques, optimizing model performance and achieving a 20% improvement in accuracy.
- Successfully deployed a range of classification models, demonstrating robustness in detecting misinformation.

**TECHNICAL SKILLS**

- Organizational and time management skills
- Communication and interpersonal skills
- Ability to work independently and collaboratively
- Attention to detail
- Curiosity and adaptability to new technologies

**PROGRAMMING LANGUAGES**

Python, PostgreSQL, JavaScript, SAS

**TOOLS**

DBeaver, Excel, Plotly, Git, Scikit-Learn, Numpy, Pandas, Seaborn, Plotly, Matplotlib, Power BI, Tensorflow, Beautiful Soup, GitHub