

Ifeanyi Nneji

✉ ifeanyinneji777@gmail.com 📞 +2348056042384

in <https://www.linkedin.com/in/ifeanyi-nneji/>

🐙 <https://github.com/Nneji123>

EDUCATION

B.ENG Computer Engineering, Afe Babalola University
2019–2023 | Nigeria

Academic Honors:

- Received a Leadership Award for achieving the highest score in the 2023 Leadership & Studies Examination.

Thesis/Dissertation:

- Thesis Title: "ENHANCING HOSTEL SECURITY: INTEGRATION OF DEEP LEARNING MODELS FOR SMOKING AND VIOLENCE DETECTION IN SCHOOLS"
- Developed advanced hostel monitoring system with YOLOv5 deep learning models. Achieved 93% accuracy in smoking detection and 94% in violence detection. Enhanced security and safety for hostel residents.

Relevant Courses:

- Neural Networks
- Software Engineering
- Natural Language Processing
- Object-Oriented Programming (Python Programming Language)
- Numerical Computations
- Advanced Computer Applications
- Digital Image Processing

PROJECTS

Recommendation System for Nigerian Movies
04/2022

- Designed and implemented a recommendation system, boosting user engagement by 20%.
- Enhanced content consumption by 15% within the first quarter of implementation.
- Demonstrated the impact of machine learning on user experiences and business goals.

Credit Card Fraud Detection

- Developed a fraud detection model achieving 95% accuracy.
- Resulted in a 25% reduction in fraudulent transactions, saving 500,000 naira in 6 months.
- Integrated the model for real-time transaction monitoring.

PROFESSIONAL EXPERIENCE

Data Scientist Intern, Zummit Africa

04/2022 – 09/2022 | Lagos, Nigeria

- Spearheaded the development of a recommendation system for Nigerian movies, resulting in a 20% increase in user engagement and a 15% rise in content consumption.
- Played a key role in designing and implementing a credit card fraud detection model, reducing fraudulent transactions by 25% and saving the company 500,000 naira in 6 months.
- Led the team in building an automatic license plate detection and recognition system for Nigerian license plates, achieving a recognition accuracy of 95% and enhancing security and surveillance capabilities.
- Successfully developed and deployed a plant disease detection solution for specific crops, leading to a 30% increase in early disease detection and a 10% improvement in crop yield.
- Proficiently worked with various ML APIs and deployment platforms, including Hugging Face models and AWS, resulting in the successful deployment of 3 machine learning models that now serve over 100,000 daily requests.
- Collaborated with cross-functional teams to bring machine learning projects from concept to production, demonstrating strong project management and teamwork skills.
- Contributed to model evaluation and fine-tuning efforts, resulting in a 15% improvement in model accuracy and a 20% reduction in false positives for the fraud detection model.

SKILLS

Programming (Python, Golang, Javascript, SQL, C, C++, Bash)

Machine Learning (Scikit-Learn, TensorFlow, Pytorch, Keras, PyCaret, Caffe, XGBoost, LightGBM, Apache Spark, Theano, OpenCV, H2O.ai, MXNet, Fastai)

MLOps (Building CI/CD Pipelines using Github Actions, Jenkins, AWS Terraform, Data Version Control, Web Scraping, MLFlow experiment tracking, Model Deployment and tracking.)

Web Frameworks (Flask, FastAPI, Django)

Cloud Computing (AWS, GCP, Azure and Digital Ocean)

Data Analysis and Visualisation (Excel, Power BI, Matplotlib, Seaborn, Pandas, Numpy)

Soft Skills (Problem-Solving, Teamwork, Communication, Critical Thinking, Adaptability, Time Management, Attention to Detail, Creativity, Conflict Resolution, Customer Focus)