Hanif Adedotun

hanif.adedotun@gmail.com | linkedin.com/in/hanif-adedotun | Elkton, MD | github.com/hanif-adedotun

SUMMARY

Impact-driven AI Engineer with over 2 years experience in developing accurate and scalable machine learning models, with a reach of thousands of users across the globe and a Y combinator W23 final call.

TECHNICAL SKILLS

Python | Tensorflow | P yTorch | Scikit-Learn | Keras | LangChain | Gradio | Web scraping | Javascript | Typescript | SQL (postgres) | MATLAB, C++ | Git | Docker | Google Cloud Platform | Azure

EDUCATION

Nile University of Nigeria

Bachelors of Engineering in Computer Engineering *September 2019 - October 2024*

- 4.81/5 GPA,
- Ranked among the top 10% of students in the Faculty of Engineering,
- Awarded the best final year project in the Faculty of Engineering,

EXPERIENCE

Software Engineer

Devtranet *August 2022 - May 2024*

- Architected and built a scalable and performant backend using Next.js and modern design principles, supporting a platform used by almost 1,000 users.
- Integrated key SaaS platforms, including Stream, Mixpanel, and Algolia, to drive 90% in daily user retention rate.
- Refactored key components to improve code readability and maintainability by 30%, enabling efficient collaboration and future growth. Which led to an interview call from Y combinator for the W23 batch.

RELEVANT PROJECT

Brain Computer Interface using Machine Learning | Python, Numpy, Pandas, Tensorflow, Websocket

- Designed, developed, and tested a Brain-Computer Interface (BCI) system capable of real-time translation of EEG signals into robotic control, preprocessing signals from 15 subjects.
- Achieving classification accuracy of 96% for robotic control using XGBoost.

Predictive modeling of concrete compressive strength | Numpy, Matplotlib, Tensorflow | Link

- Designed and trained a neural network model to predict concrete compressive strength and achieved an RMSE of 0.8 in predicting 7-day and 21-day compressive strength.
- Addressed missing data in the dataset by applying K-Nearest Neighbors (KNN) for imputation and utilized Matplotlib for visualizing data distributions and relationships.
- Deployed the model on Hugging Face Spaces for easy access and scalability, enabling user interaction with the model.

LEADERSHIP EXPERIENCE

***Machine Learning Lead**, Google Developers Student Club (GDSC), Nile University* *2021-2023*

- Organized multiple workshops and spearheaded a diverse event series to teach machine learning concepts from industry professionals.
- Grew the community membership by 100% under my leadership, expanding its reach to over 300 members in under a year.

CERTIFICATION

Microsoft Office Specialist: Microsoft Office PowerPoint 2016 **|** Microsoft Office Specialist: Microsoft Office PowerPoint 2013 **|** Kaggle: Intro to Machine Learning | Udemy: Data Science Using Python **|** IBM: Artificial Intelligence | Deep Learning AI: Pretraining LLMs