

Olufemi Victor Tolulope

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Zindi profile:

<https://zindi.africa/users/Professor>

GitHub profile:

<https://github.com/osinkolu>

Medium profile:

<https://medium.com/@victorolufemi>

Hub pages profile:

<https://hubpages.com/@olufemivictor>

Summary

I have a Bachelor's degree in Electronic and Electrical Engineering with a major touch of advanced computation and algorithms. I have a proven track record in AI research, and translating those research into innovative solutions for business growth. I'm currently ranked 3rd among over 70,000 data scientists on Zindi Africa [here](#).

Stack Highlights.

- TensorFlow and PyTorch
- Power BI and MS Excel
- SQL, Python, C++, Flask
- Cloud Technologies
- Math and Statistics
- Research
- Ethical A.I
- Blogging

Portfolio.

Machine Learning and AI.

- **FarmX:** Leveraged AI to create a crop recommendation system capable of providing information about detected diseases and curing methods in 150 languages.
- **Agrobot-APIs.** An Open-source API offering endpoints for Agtech projects, including crop recommendation, analysis, disease detection, IoT data and other diagnostics.
- Deployed **Chemotron-x:** A Machine learning model that predicts the concentration of carbon in the atmosphere, it is a subsidiary of the Chemotroni x project. My contributions to this project helped reduce the cost of IoT by 90%, enabling the development of a low-cost Carbon emissions monitoring system.

Related Work Experience

Assistant Tutor at RAIN: March 2024 – Present.

- Facilitating AI/ML courses, training students on theoretical knowledge and practical applications of artificial intelligence.

AI Intern at Five-Whys Singapore: Dec 2023 – Present.

- Building custom LLM pipelines from data curation to fine-tuning, inference and evaluation.

Data Scientist at Farmz2u: Jan - Oct 2022

- Improved user analytics and data tracking by 75% by implementing tools like Mixpanel, Google Analytics, and Grafana.
- Tracked the company mentions, searches, keywords, and sentiment on social media and search engines.

Machine Learning Intern at AirQo: Apr-Jun 2022

- Enhanced the fault detection machine learning model, achieving a 93.29% accuracy rate.
- Deployed the fault detection model used in production at AirQo.

Languages

English – A1
Yoruba – C5

Hobbies

- Programming
- Swimming
- Movie-review
- Tutoring

Communities

- Data Scientists Network
- Zindi
- Omdena AI
- Global AI Hub
- IEEE Student Society
- AMLD
- Streamlit Students Community
- Deep learning indaba

Recent Awards in Artificial Intelligence.

- 1st Place on Leaderboard GeoAI Challenge **Location Mention Recognition from social media** by ITU. October 2023. [link](#)
- 1st Place Winner AI4D **Anglophone Research Lab ASR Challenge** on Zindi. August 2023. [link](#)
- **Top 10 Worldwide** Google Solution Challenge. August 2023. [link](#)
- **Mr. Algorithm Award** by DSN (Data Scientist Network) August 2023.
- 2nd Runner up, **Cohere AI Hackathon & #AI-Saturdays**. May 2023. [link](#)
- 1st Runner up, **Umoja Hack 2023** Intermediate Category. April 2023.
- 1st Place Winner, **Bitgrit NFT Price Prediction Challenge**. March 2023. [link](#)
- 1st Place Winner, at **Kaggle Kitchenware Classification Hackathon**. February 2023. [link](#)
- 1st Place Winner, **Kenyan Sign Language Classification**. January 2023. [link](#)

Recent Publications.

- Babatunde, O. B., Akeweje, E. O., Ibejih, S., Olufemi, V. T., & Folorunso, S. O. (2023). *Automatic Speech Recognition for Nigerian-Accented English Deep Learning Indaba (Published)*
- Oreoluwa Boluwatife Babatunde¹, Victor Tolulope Olufemi², Toluwani Aremu³ (2023). *Enhancing ASR with Zero-Shot Learning for Nigerian Accents. Neurips 2023 - Accepted*

Education

Bachelor of Science: **Electronic and Electrical Engineering**
Obafemi Awolowo University.

Year of Entry: 2017 | Year of Graduation: **August 2023.**

CGPA: 4.11/5.0

Volunteering

Streamlit | Role: **Ambassador** | Year: December **2022** – Present

ZINDI | Role: **Ambassador** | Year: May **2022** – Present

Youth STEM 2030 | Role: **Executive** | January **2022** – Dec **2023**