

KAMORUDEEN AMUDA

Nigeria / +2348132139750 / akindeleamuda@gmail.com [Portfolio](#) / [GitHub](#) / [LinkedIn](#)

SKILLS:

- Programming Language: Python
- Machine Learning: Jupyter Notebook/Lab, Google Colab, Orange, NeuroSolution, KNIME, RapidMiner, Azure, AWS
- Database: MySQL
- Framework: TensorFlow, Keras, Pandas, Scikit, Numpy, Matplotlib, Flask
- Version Control System: GitHub/Git
- Web: HTML, CSS

EXPERIENCE:

Rural Farmers Hub, Abuja, Nigeria.
Machine Learning Intern - Remote

Aug. 2020 – Sept 2020

- Annotated farmland boundaries through Google Earth on farmland image datasets.
- Researched with a team to develop AI BOT that communicated in Hausa (Nigerian dialect).
- Built a model that achieve 92% accuracy rate

Mufutau Lanihun College of Education, Ibadan, Oyo State
Part-time Lecturer - Assistant Head Department

Mar., 2018 – Mar., 2020

- Taught student's introduction to Basic Programming, Computer Software & Hardware
- Utilized pedagogical method that increases the students' academic performance with 20%.

University of Ibadan, Ibadan, Nigeria
Research Assistant [Under Supervision of Professor Sesan Adeyemo]

May 2018 – June 2019

- Conducted literature review on sarcasm detection.
- Coordinated seminar among the students.
- Built Bi-LSTM model that achieve better performance with the difference of 6.5% accuracy rate.

DataIQ Nigeria, Ibadan, Oyo State
Data Science Intern

Oct., 2017 – Feb., 2018

- Performed data manipulation, analysis, modeling and visualization on datasets with python
- Improved feature engineering process that result to 10% decrease in model complexity.
- Conducted data regression and classification analysis with machine learning algorithms.

Adekunle Ajasin University, Ondo State
Graduate Assistant – Under the Supervision of Dr Abiola Akingbemisilu

Apr. 2014 – Sept 2014

- Computed and graded students Continuous Assessment (CA).
- Assisted students with their research works which makes 30% of them score A's

EDUCATION

- 2017 – 2019 Masters of Science in Computer Science, University of Ibadan, Nigeria.
- 2010 – 2014 Bachelor of Science Education. in Computer Science, Adekunle Ajasin University, Nigeria

CERTIFICATIONS:

- Azure AI Fundamentals -- Microsoft Certified
- Machine Learning Engineer Nanodegree, Udacity
- Guided Tour of Machine Learning in Finance, Coursera
- AWS Machine Learning Foundation, Udacity
- Machine Learning for Business, DataCamp
- PowerBI Sales Pipeline Analytics and Visualization, Udemy
- Principle of Machine Learning in Python, Edx

VOLUNTEER EXPERIENCE:

- AI Saturday Ibadan, University of Ibadan, Nigeria. – Facilitator and Technical Support Assistant
- Machine Learning Group, University of Ibadan, Nigeria- Facilitator and Technical Support Assistant
- Neural Information Processing Systems Conference, University of Ibadan, Nigeria - Co-Organizer
- Web and Internet Economics (WINE) Conference, University of Ibadan, Nigeria - Co-Organizer
- University of Ibadan R User Group, Nigeria - Data Manager
- Google Africa Code Week; Federal College of Education., Oyo – Technical Support Assistant

PUBLICATIONS:

- Ajagbe, S. A., **Amuda, K. A.**, Oladipupo, M. A., Afe, O. F., & Okesola, K. I. (2021). Multi-classification of Alzheimer disease on magnetic resonance images (MRI) using deep convolutional neural network approaches. *International Journal of Advanced Computer Research*, 11(53), 51–60. <https://doi.org/10.19101/ijacr.2021.1152001>
- **K.A Amuda** & A.B Adeyemo (2020): Analysis of Artificial Neural Network Models in Customers Churn Prediction in Financial Institution (Accepted). *Ife Journal of ICT (IJoICT)*.
- **K. A Amuda** & A.B Adeyemo (2019): Customers Churn Prediction in Financial Institution using Artificial Neural Network. *International Multi-Conference on Application of ICT, Obafemi Awolowo University, Nigeria*. <https://arxiv.org/abs/1912.11346>