

KAMORUDEEN AMUDA

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[Portfolio](#) | [Github](#) | [LinkedIn](#)

Publications:

- Kukoyi, S.A, **Amuda, K.A**, Onifade O.F.W (2021). Voice Information Retrieval In Collaborative Information Seeking (Under review). International Young Scientists Conference in Computer Science.
- 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 (DCNN) 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>

Education

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

Experience

Rural Farmers Hub, Abuja, Nigeria.

Aug. 2020 – Sept 2020

Machine Learning Intern - Remote

- Annotated farmland boundaries through Google Earth on farmland image datasets.
- Researched with a team to develop AI bot that communicated in Hausa (Nigerian dialect) via telephone to the farmers. The AI Bot system helped the farmers on when to plant and harvest their farm products.

Mufutau Lanahun College of Education, Ibadan, Oyo State

Mar., 2018 – Mar., 2020

Part-time Lecturer:

- Taught students introduction to Basic Programming, Computer Software & Hardware.
- Assistant Head of the Computer Science Department

University of Ibadan, Ibadan, Nigeria

May 2018 – June 2019

Research Assistant [Under Supervision of Professor Sesan Adeyemo]:

- Conducted literature review on sarcasm detection with deep learning. The research objectives were to build a model that detects sarcasm from text using sentiment analysis and to introduce contextual modelling for detecting sarcasm.
- Coordinated workshops and seminar among the undergraduate and postgraduate students in the department.

Data Science Intern:

- Performed Exploratory Data Analysis (EDA) in Python using NumPy, Matplotlib and Pandas.
- Adopted machine learning algorithms (Support Vector Machine, Linear Regression and Random Forest) to solve classification and regression problems such as house rent prediction, supermarket sales predictions and student performance prediction.

Adekunle Ajasin University, Ondo State

Apr. 2014 – Sept 2014

Graduate Assistant – Under the Supervision of Dr Abiola Akingbemisilu

- Graded the student's continuous assessment and computed their results.
- Assisted students with their research projects on the impact of social networks and Education Technology.

Certification & Short Courses

- Azure AI Fundamentals -- *Microsoft Certified*
- Guided Tour of Machine Learning in Finance, Coursera
- Introduction to Bioinformatics, H3ABioNet
- Introduction to Python, DataCamp
- Machine Learning for Business, DataCamp
- PowerBI Sales Pipeline Analytics and Visualization, Udemy
- Machine Learning Engineer Nanodegree, Udacity
- Introduction to Machine Learning on Azure, Udacity
- Deep Learning in Python, DataCamp
- Statistical thinking in Python, DataCamp
- Data Visualization with Python, Edx
- Principle of Machine Learning in Python, Edx

Conferences & Workshops:

- Artificial Intelligence Ideation Workshop Organized by Data Science Nigeria (June 17-19, 2020)
- International Multi-conference on Application of ICT to Teaching, Research, and Administration, Obafemi Awolowo University, Ile -Ife (November 17- 20, 2019)
- Deep Learning IndabaX, University of Lagos, Lagos State (May 11, 2019)
- Big Data Summit Organized by Argonne National Laboratory and University of Chicago at University of Ibadan, Ibadan (November 13-14, 2018)
- National Summit on Big Data Economy, Oriental Hotel, Lagos (October 10, 2018)
- Big Data Analytics and Data Mining Techniques Seminar, University of Ibadan (June 13, 2018)
- Big Data, Design Thinking and Collaborative Problem – Solving Workshop organized by the Association of Computing Machinery (July 10-14, 2017).

Volunteer Experience:

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