

Muhammad Fatima Adam

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Objectives:

Aspiring and dedicated graduate M.Sc. candidate in Machine Learning with a strong foundation in both theoretical and practical aspects. Seeking a Ph.D. internship in Machine Learning to contribute to cutting-edge research and and Natural Language Processing (NLP).

Education

Masters of Science in Computer Science, Federal University Dutse, 2023

Bachelor's Degree in Computer Science, Federal University Dutse, 2018.

National Diploma in Statistics, Jigawa State Polytechnic, Dutse, 2014.

Relevant Coursework:

- Artificial interligence
- Machine Learning
- Deep Learning for Natural Language Processing
- Neural Networks and Applications

Recent Works

1. Learning from Small Datasets: An Efficient Deep Learning Model for Covid-19 Detection from Chest X-ray Using Dataset Distillation Technique,IEEE Nigeria 4th International Conference on Disruptive Technologies for Sustainable Development (NIGERCON), 2022, <https://ieeexplore.ieee.org/abstract/document/9803131/>
2. Detection of Offensive and Threatening Online Content in a Low Resource Language <https://arxiv.org/abs/2311.10541>
3. https://www.researchgate.net/profile/Fatima-Adam-8/publication/372029980_ONLINE_THREATS_DETECTION_IN_HAUSA_LANGUAGE/links/64a2f5ab95bbbe0c6e0ddfff/ONLINE-THREATS-DETECTION-IN-HAUSA-LANGUAGE.pdf

Academic Metrics:

Google Scholar:

https://scholar.google.com/citations?view_op=search_authors&mauthors=fatima+muhammad+adam&hl=en&oi=ao

openreview:https://openreview.net/profile?id=~Fatima_Adam_Muhammad1

Skills:

- Programming Languages: Python (Advanced), C++ (Intermediate)
- Deep Learning Frameworks: TensorFlow, PyTorch
- Natural Language Processing: low Resource Language Area.
- Machine Learning Algorithms

Soft skills: leadership experience, communication skills, organizational know-how, people skills, collaboration talent, problem-solving abilities, and adaptability.

Professional Development:

Introduction to Python : 30 days of Python by Arewa Datascience, by Global AI Hub

Introduction to machine learning: Arewa Datascience, Global AI Hub

Tensorflow Specializations Courses: Introduction to TensorFlow for Artificial Intelligence, Machine Learning, Convolutional Neural Networks in TensorFlow, Natural Language Processing in TensorFlow.

Deep learning specialization courses: Neural Network and deep learning

Introduction to Deep learning: Global AI Hub certificate

Leadership & Extracurricular Activities:

- Mentor Arewa Data Science community Machine learning cohort
- Mentor Compute Research Acceleration Initiatives (CRAI) Federal University Dutse.
- Ambassador womentech makers Dutse.
- Volunteering Mentor Dutse - Data Science Nigeria (DSN).
- Member Global AI Hub