

# AMINU MUSA

B10-1B Malam Inuwa Dutse Housing Estate Danmasara, Dutse, Jigawa State, Nigeria

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## Educational Institutions Attended & Qualifications

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[Year]	[Name of school]	[Certificate Obtained]
2021-2025	Bayero University Kano	M.Sc. Computer Science
2013-2017	Federal University Dutse	B.Sc. Computer Science
2013-2013	Addy Basic School, Kano	West African Examination Certificate
2006-2009	Lautai Science Secondary School	Senior Secondary School Certificate
1997-2003	Dahiru Atta Primary School, Gumel	Primary School Leaving Certificate

## Working experience

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[Period]	[Employer]	[Role]
2020-Date	Federal University Dutse	Assistant Lecturer
2019-2020	Jigawa State College of Education	Assistant Lecturer
2018-2019	Al'Qalam University Katsina	System Analyst II
2017-2018	Digital Development Hub (DDHUB), Kano	Software Engineer

## Certifications

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- National Youth Service Corps (NYSC) Certificate
- Nigerian Computer Society (NCS) Membership Certificate
- Fundamentals of deep learning Certificate, Nvidia Deep Learning Institute (DLI)
- Deep Learning specialization Certificate, by Deeplearning.ai.

- Certificate in Tensorflow specialization coursera.org
- Tensorflow Developer Certificate

## Publications

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1. Performance Evaluation of Multilayer Perceptron (MLP) and Radial Basis Function (RBF) on Hand Digit Recognition: In proceeding of 2nd International Conference of the IEEE Nigeria Computer Chapter (IEEEEnigComputConf19) DOI: [10.1109/NigeriaComputConf45974.2019.8949669](https://doi.org/10.1109/NigeriaComputConf45974.2019.8949669)
  2. Application of Apriori Associative Data Mining Algorithm in Jigawa State Civil Registration Database: published in Dutse Journal of Pure and Applied Science (DUJOPAS) ISSN: 2635-3490 Vol.5 No 2b, December 2019.
  3. [A Lightweight CNN-Based Pothole Detection Model for Embedded Systems Using Knowledge Distillation](#): in Book “Frontiers in Artificial Intelligence and Applications, IOSprints 2022”
  4. An Intelligent Plant Disease Detection System For Smart Hydroponics Using Convolutional Neural Network: In proceeding of 14th IEEE International Symposium on Embedded Multicore/Many-core Systems-on-Chip (MCSoc 2021), Singapore University of Technology and Design (SUTD), Singapore, December 2021.
  5. Location-Aware Recommender System: A review of the current development process and future directions: published in Science in Information Technology Letters Journal(SITECH) [doi.org/10.31763/sitech.v1i1.1](https://doi.org/10.31763/sitech.v1i1.1) (May 2021).
  6. A Theoretical Framework Towards Building a Lightweight Model for Pothole Detection using Knowledge Distillation Approach, presented at the 4th International Conference on ICT Integration in Technical Education ( ETLTC-ICETM2022), Japan, January 2022.
  7. Low-Power Deep Learning Model for Plant Disease Detection for Smart-Hydroponics Using Knowledge Distillation Techniques published by MDPI in Journal of Low Power Electronics and Applications(JLPEA) DOI: 10.3390/jlpea12020024

## Profiles

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1. Linkedin: <https://www.linkedin.com/in/aminu-musa>
  2. Google Scholar: <https://bit.ly/3dqj5LD>

## Referees

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  2. **Dr. Ismail Abdurrashid**  
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