

AMINA SALIFU

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PERSONAL SUMMARY

Resourceful team player with experience with common software applications and a social media platform. Well-versed in business organisation and strategies to modernise workplaces successfully. Determined to learn faster and advance computer skills and training in industry operations. Flexible team player and worker focused on increasing productivity and performance with conscientious and detail-oriented approaches

EDUCATION

PHD in Computer Engineering, Kwame Nkrumah University of Science and Technology November 2025

BSc in Mathematical Sciences, University of Development Studies June 2021
GPA: 4.09

MSc in Mathematical Sciences, African Institute for Mathematical Sciences August 2022

SKILLS

Languages	R, Python, HTML, CSS, MATLAB, MINITAB
Tools	Git, sublime, PowerPoint, Publisher, Microsoft Office, Latex
Soft Skills	Time Management, Teamwork, Communication, Problem Solving, Leadership, Responsibility, Report writing, public speaking, verbal and written communication, telephone etiquette Collection of statistical data

PROJECTS

Projects 1 Applications of linear algebra in data science

Projects 2 Data Transmission Reduction in Internet of Things Wireless Sensor Networks Published

Projects 3 AI smart bot for data collection of non-native English speakers

Projects 4 Enhancing Speech Recognition through Diverse Shared Features Accent Classification Published

Projects 5 A Systematic Review of Accent Classification Techniques and Datasets for Inclusive Speech Recognition
Accepted

Projects 6 Improving Speech Recognition for Ghanaian Accents Using Transformer-Based Accent Classification
Published

Projects 7 CNN-Based Accent Similarity Detection Using Masked Spectrogram Reconstruction Revision

VOLUNTEER SERVICES

- Fondation Save Child.
- Brigham Health Service.
- Returned to society through teaching.

- GIMPACT DATA FELLOWS
- AI Ghana
- Women in Machine Learning Ghana Chapter
- Ghana data science

EMPLOYMENT HISTORY

Intern Hadniva Multimedia	October 2019 - January 2020
Intern Brigham Healthcare Service	Mai 2019 - Mars 2022
Intern Millennium Development Authority	October 2020 - November 2020
Intern Consolidated Bank Ghana	October 2020 - December 2020
Intern World bank	September 2025 - October 2026

CERTIFICATES

- IBM- Data Science And Analytic Intro to Python
- IBM- Machine Learning V2
- FutureLearn
- Datacamp
- Digilogic
- Forage
- Udemy Advance Power BI

WORKSHOP AND CERTIFICATES

- Neural Information Processing Systems conference at Vancouver 2024
- Deep learning Indaba conference at Dakar 2024
- Deep learning Indabax conference in Ghana 2023 and 2024
- Deep learning Indaba conference in Ghana 2023
- African Conference of Women Engineers and Scientists, Kigali, with certificate
- Performance Computing for Sustainable Development, South Africa, with certificate
- Pan-African Artificial Intelligence and Smart Systems, Dakar
- EAUMP School on Mathematical Programming and Algorithms, Nairobi, with certificate
- Spring School, Mbour, with certificate
- Pycon Africa, Ghana, Accra
- Network of Clusters Training Workshop, Ghana, Kumasi.
- Women in Artificial Intelligence, Seattle.
- Women in Monitoring and Evaluation Forum, Ghana, with a certificate.
- 3i Africa Summit, Ghana, Accra.

AWARDS AND SCHOLARSHIPS

Undergraduate studies, mathematical science.	October 2018 - January 2021
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Postgraduate, mathematical science

October 2021 - July 2022

Doctorate, Computer Engineering

January 2023 - November 2025

Won poster award for best poster in Indaba 2023 and 2024

Won a travel grant and accommodation to Vancouver 2024.

Won poster award for best poster in Ghana Data Science submit Indaba X 2025

Won poster award for best poster in the Deep Learning Indaba, Rwanda 2025

REFEREES

Prof. Arouna NDAM NJOYA

Department of Computer Engineering, University Institute of Technology,
University of Ngaoundéré, P.O. Box 455, Ngaoundéré, Cameroon

Email: ndanjoa@gmail.com

Dr. Lema L. Seknewna

African Institute for Mathematical Sciences, Rue KG590 ST, Kigali, Rwanda

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Dr. Eliane Raïssa Fankem

African Institute for Mathematical Sciences, Km2 route de Joal (Centre IRD), BP 1418, Mbour-Thies, Senegal

Email: elian.r.fankem@aims-senegal.org