UGOCHUKWU AKPUDO

HDR Candidate

Google Scholar profile

I provide seamless Data-driven solutions with expertise in Explainable AI, Deep Learning, Computer Vision, Data Governance, Signal Processing, and Reliability Engineering, and interdisciplinary research.

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✉️ akpudougo@gmail.com

🏠 Brisbane, QLD Australia

LANGUAGE

- English
- Korean (basic)

EXPERTISE

Machine Learning	▬▬▬▬▬●	98%
Image Processing	▬▬▬▬●	95%
Signal Processing	▬▬▬▬●	98%
Technical Writing	▬▬▬●	93%
Managemnent	▬▬▬●	89%
Critical Thinking	▬▬▬▬●	99%
Leadership	▬▬▬●	93%
Data Science	▬▬▬●	97%

EXPERIENCE

Institute of Intelligent Systems
Griffith University - Australia
2022 - current

Conducting research in Explainable AI, inspired by human cognition. Published five (5) papers so far; four (4) accepted). Looking forward to a few more A* publications by 2025

Defense Reliability Laboratory
Kumoh National University - South Korea
2019 - 2022

Data Acquisition, analysis, and Sensor Calibration and Management. Machine Learning/Deep Learning for SOTA Applications. Signal Processing and Feature Engineering Prognostics and Health Management (PHM, CBM+). Lead project teams for practical research. Published over 20 papers.

Maclisle Complex Limited
Enugu - Nigeria
2015 - 2019

Machine Shop Assistant.

EDUCATION

Griffith University
Doctor of Artificial Intelligence
2022-2025

Kumoh National University
Master of Mechanical, Aeronautical and Electronic Convergence Engineering
2019-2021

Mechanical and Production Engineering
Bachelor of Mechanical Engineering
2007-2012