UGOCHUKWU AKPUDO

Research Scientist

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

www.ugoakpudo.com

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 several papers in top-tier conferences and journals.

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