




# UGOCHUKWU AKPUDO

Research Scientist

[Google Scholar profile](#) 

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](http://www.ugoakpudo.com)



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Brisbane, QLD Australia

## LANGUAGE

- English
- Korean (basic)

## EXPERTISE

Machine Learning	<div><div></div></div>	98%
Image Processing	<div><div></div></div>	95%
Signal Processing	<div><div></div></div>	98%
Technical Writing	<div><div></div></div>	93%
Managemnent	<div><div></div></div>	89%
Critical Thinking	<div><div></div></div>	99%
Leadership	<div><div></div></div>	93%
Data Science	<div><div></div></div>	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