

Profile

Paul Kariuki is a Kenyan national with a robust technical background in technology as an ICT solutions architect. He holds an undergraduate degree in Information Technology from Ndejje University (First Class Honors), an MSc in Data Communications from the KCA University coupled with other Industry qualifications in the technology space. Paul is PhD candidate at Dedan Kimathi University pursuing PhD in Computer Science with a special focus on cancer diagnosis using machine learning. He has over 12 years of professional experience; eight of which have been spent within the World Bank Group playing a lead digital development role as a Consultant supporting governments in Sub Saharan Africa and Asia, to adopt and implement technology for the creation of markets through provision of better services to businesses (G2B) and citizens (G2C). Currently, Paul serves as the Ag. Director ICT at Karatina University where he manages the entire ICT Infrastructure as well as overseeing the university-wide networks, security of systems, and enterprise information systems.

Publications:

1. **Kariuki, Paul Wahome**, Patrick Kinyua Gikunda, and John Mwangi Wandeto. "Deep transfer learning optimization techniques for medical image classification: a review." *International Conference on Intelligent Computing and Machine Learning (2ICML)*. IEEE, 2023
2. **Kariuki Wahome Paul**, Ephantus Karari Kinyanjui, Samuel Maina, Dr. Gabriel Kamau Presented a paper entitled "*Quality of Experience Prediction Models for Video on Demand Services: A Review.*" 6th DeKUT International Conference On Science, Technology, Innovation & Entrepreneurship. Date: 9th – 11th November 2022.
3. **Paul Wahome Kariuki**. Ontological Engineering Based Model for Classifying Maize Diseases. *International Journal of Computer Science and Information Technologies*, 2022.
4. Participated in the **Tallinn eGovernance Conference** held in Tallinn – Estonia between 29th – 30th May, 2018.
5. **Kariuki Wahome Paul**, Wekesa Bongo, Dr. Richard Rimiru). *Towards Effective Data Preprocessing for Classification using WEKA*. *International Journal of Science and Research*, 2016.

Area of Specialization

Artificial Intelligence and Machine Learning

Membership to Professional Bodies

1. ICT Association of Kenya
2. Toastmasters International

Google Scholar Profile URL

<https://scholar.google.com/citations?user=Ph0OId0AAAAJ&hl=en&oi=ao>

Contact

kariukip@karu.ac.ke or memekariuki@gmail.com