Miltone Awiti

Academic curriculum vitae | Health informatics

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Research interests

Clinical AI fairness, postpartum follow-up, clinical decision support, and interoperability.

Education

M.S., Health Informatics | Michigan Technological University | 2025

Graduate GPA: 3.90/4.00

B.S., Epidemiology and Biostatistics | Masinde Muliro University of Science and Technology | 2021

Research and project experience

From Fairness Metrics to the Bedside | Scoping review protocol

Examines methods for identifying and addressing bias in clinical AI decision tools. Protocol: https://osf.io/pre6h/

Clinical data interoperability | Upper Michigan

Worked on an interoperability pilot using Python, HL7, FHIR, and a master patient index.

Wearable stress monitoring | Michigan Technological University

Worked on integration of Fitbit data with AWS services and a Flutter application.

Malaria vector control | Kenya Medical Research Institute

Contributed to malaria vector control research involving larviciding and insecticide-treated nets.

Professional experience

Behavioral Data Analyst | The Learning Tree, Alabama | June 2025 – June 2026

Analyzed behavioral and developmental data and prepared weekly performance dashboards.

Technical skills

Python, R, SQL, Stata, Power BI, HL7/FHIR, AWS, and Git.