

SAMUEL MWAMBURI MGHENDI

DATA ANALYST

SUMMARY

A driven individual committed to learning and collaboration with 2 years of experience in Data Science and Software Development. I have a strong background in Math, Statistics, and Programming and keen on developing clean and functional but complex systems.

CONTACT

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EDUCATION

University of Nairobi Sept. 2020 to Current
M.Sc. Computational Intelligence 2022

Moi University Sept. 2014 to Dec. 2019
B.Sc. Informatics 2019

EMPLOYMENT

United Nations Environment Programme Nairobi, Kenya
Information Management Specialist July 2019 to Current
Perform data analysis and business intelligence reporting for UNEP's Executive Office and Law Division. I have also undertaken the development of UNEP's projects performance monitoring and portfolio analysis tool on the Projects Information Management System (projects.unep.org).

Information Management and Systems Intern Nairobi, Kenya
Sept. 2017 to Mar. 2018
Conducted the development and migration of the upgraded UNEP Online Document Repository (wedocs.unep.org) platform.

AMPATH Kenya Eldoret, Kenya
Information Technology Intern May 2016 to Aug. 2016
Performed enterprise server and network installation and configuration, end-user software installation and maintenance, and administrative support.

PROJECTS

Projects Information Management System (PIMS+) Aug. 2019 to Current
Undertaken the design and development of the projects monitoring extension to UNEP's projects performance monitoring and portfolio analysis tool.

UNEP Online Document Repository (WeDocs) Sept. 2017 to Feb. 2018
Conducted the development and migration of UNEP's upgraded Online Document Repository.

Weather in Image Mar. 2021 to Apr. 2021
Developed a Bayesian model for the probabilistic detection of weather and air quality using a microcontroller.

SKILLS

Tools & Technologies	Python, SQL, JavaScript, Linux, CodeIgniter, PowerBI, Azure, Excel
Industry	Data Visualization, Web Development, Data Warehousing, Database Management

AWARDS

Meltwater Foundation · MEST Africa Scholarship June 2019
MEST Africa offers a graduate-level entrepreneurial training program, seed fund, and an incubator to 60 of Africa's next leading software entrepreneurs each year.

Google · Google Africa Challenge Scholarship May 2018
Through a partnership with Andela and Udacity, Google sponsors selected African students to pursue online Web development courses and nanodegrees.