

STEPHEN MUIGA

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Summary

Passionate, performance-driven, and detail-oriented Mathematics and Computer Scientist that possesses good technological experience from projects, well-developed communication skills, and the ability to perform well in a team. As a highly curious individual and learner, I have gained some practical skills that I seek to apply in bringing solutions and ideas to life while working on cutting-edge technology and also learning. I value problem-solving and teamwork as they present an opportunity to learn, grow, and gain inspiration from others while delivering solutions.

Experience

- Nakuja Project
IoT Intern

Nairobi, Kenya
09/2023 - Present

 - Developing and testing IoT prototypes using various hardware components such as Arduino, Raspberry Pi, ESP32.
 - Analyzing data from the sensors to detect anomalies and take corrective action when necessary.
- FurahaBuild Ventures Ltd- We're Recruiting!
Software Developer Intern

Nairobi, Kenya
05/2023 - 01/2024

 - Development of a progressive web application using Ionic, Angular that interfaces the sensors to keep track of real-time readings from sensors.
 - Participating in agile sprints to deliver high quality products within tight deadlines.
- RundomLabs Digital
Web developer

Nairobi, Kenya
10/2023 - 11/2023

 - Developed and maintained websites using WordPress.
 - Worked closely with clients to understand the site requirements and deliver on time.
- Nyandarua County Assembly
Industrial Attachment

Nyandarua, Kenya
05/2023 - 08/2023

 - Led the transition into a paperless practice by implementing a library management system that's faster and more accurate.
 - Collaborated with developers to develop a high-quality HR management system to manage the MCAs committee meetings and finances.

Education

- Lux Academy
Data Science

09/2023 - 11/2023
- Jomo Kenyatta University of Agriculture and Technology
BSc. Mathematics and Computer Science

2020 - Present
- Jomo Kenyatta Boys High School
Secondary School Certificate

2016 - 2019

Skills

Creative writing • Python • Java • C • Angular • SQL • Data visualization and analysis • JavaScript • GitHub

HTML • Mobile development • Mathematics • Statistics

Accomplishments

- Designed and implemented a library management system for Nyandarua County Assembly
- Completed Lux Academy Data Science projects and articles
- Technical and creative writing.