

Ryan Murunga

Data Scientist/Software Engineer

I excel in optimizing operational methods for maximum efficiency, merging software engineering prowess to craft robust solutions. My keen attention to detail and analytical reasoning unveil insights, bridging data analysis and software development. Proficiently communicating intricate ideas, I leverage my software engineering background to translate technical concepts. With a proactive mindset, I'm eager to enhance corporate performance as a Data Scientist and Software Engineer, driven by continuous improvement.

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📍 Nairobi, Kenya

EDUCATION

BSc Computer Science University of South Wales

09/2019 - 05/2022

Upper Second Class Honours.

Courses

- Secure software development.
- Data structures and algorithms with Object Oriented Programming.
- Parallel and Concurrent programming.
- Computational Mathematics.
- Operating System concepts.
- Event driven and Graphical User Interface Programming.
- Professional Practice and Employability.
- Team Based Software Development.

Kenya Certificate of Secondary Education Light Academy Nairobi

01/2015 - 11/2018

A- Mean Grade

WORK EXPERIENCE

Data Science and Analytics Intern. Smart Applications International.

12/2022 - 02/2023

Nairobi, Kenya.

Achievements/Tasks

- Created visually compelling dashboards and reports to communicate complex data insights to stakeholders.
- Utilized machine learning algorithms to create predictive models for customer behavior.
- Conducted in-depth statistical analysis to identify trends, patterns, and insights for strategic decision-making.
- Collaborated with cross-functional teams to translate data findings into actionable recommendations, driving business growth.

IT Support/Cloud Engineering Intern. Cloud IT.

09/2022 - 11/2022

Nairobi, Kenya.

Achievements/Tasks

- Collaborated with team members on cloud migration projects, leveraging Infrastructure-as-Code tools for automation and configuration management.
- Supported cloud-based applications and services, monitoring system health, and troubleshooting issues.
- Assisted in managing network infrastructure, including switches, routers, and wireless access points.
- Assisted in Google Workspace and Microsoft 365 administration, troubleshooting issues for clients to maintain client's satisfaction at 100%.

SKILLS

Statistical Analysis: Solid understanding of statistical concepts and methodologies, hypothesis testing, and regression analysis.

Data Science: Proficient in data analysis, machine learning, statistical modeling, and data visualization.

Cloud Technologies: Microsoft Azure, Google Cloud Platform

Web Development: HTML, CSS, React, Node.js

Organization and time management

Adaptability

Written and verbal communication

Collaboration

Programming: SQL, Python, C, C++, Javascript

Multitasking

Virtualization and Containers

Decision-making

Business Intelligence

Project management

Version Control: Git, GitHub

PERSONAL PROJECTS

<https://github.com/RyanM11>

ORGANIZATIONS

Our Kid Foundation (11/2022 - Present)

Trustee

LANGUAGES

English

Full Professional Proficiency

Swahili

Full Professional Proficiency