# Geoffrey Onyango

# Computer Scientist

CONTACT

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Github: https://github.com/JdoesTech

An aspiring tech professional with a strong foundation in applied computer science and hands-on experience in systems development, data analysis, and network infrastructure. My work spans software development using Flutter, Python and Rust, database management, and real-time performance analysis in both corporate and nonprofit environments. With proven success in Al and innovation challenges, I bring a creative, solution-oriented mindset, strong teamwork, and a passion for leveraging technology to solve real-world problems. I thrive in fast-paced, tech-driven environments and am committed to continuous learning and impactful innovation.

# **PROFESSIONAL EXPERIENCE**

### Monitoring and Evaluation Officer | February 2025-Present

Fundraising Department, Bringing Smiles Foundation

- Volunteering as a pro bono Monitoring and Evaluation officer in the Fundraising Department of the Bringing Smiles Foundation, a child-focused charity organization. Selected through a rigorous, competitive recruitment process.
- · Responsible for analyzing the department's performance against KPIs and recommending introduction, change or improvement in both policy and practice.

# Network Officer | May 2024-August 2024

National Lands Commission

- Responsible for setting up new network layouts, enforcing network operation and security protocols, and maintenance of the Commission's network.
- Involved in database administration which was integral to network operations.
- Participated in the development of a new Human Resource Management System.

### **EDUCATION**

# Daystar University | 2021-Present

Bachelor's Degree in Applied Computer Science

- Completed Coursework
- Expected Month of Completion: November 2025

#### DataCamp Org. || September 2024-Present

Data Science and Analysis

ALX Foundation || July 2024-September 2024

Administrative Assistance

Alliance High School | 2017-2021

High School Diploma

#### **CERTIFICATES**

ADMINISTATIVE ASSISTANCE || 2024

**ALX Foundation** 

WEB DEVELOPMENT FUNDAMENTALS ||

2025 IBM

DATA FUNDAMENTALS || 2025

**IBM** 

PROMPT ENGINERING, GENERATIVE

AI || 2025

Devtown

CYBERSECURITY FUNDAMENTALS II

2025

**IBM** 

# RELEVANT SKILLS

- Proficient in Rust, Python
- Android development using Flutter, Dart
- Data Structures and Algorithms
- ·Web Development
- Adept in networking protocols
- · Low level programming in C
- Software Design and Analysis
- Teamwork
- Leadership
- Communication

- Database management using MySQL, NoSOL
- "Intermediate Knowledge with Huawei Cybersecurity Systems
- Geospatial Analysis using ArcGIS
- Data Analysis using Pandas, Matplotlib, Seaborn
- Project Management
- Machine Learning Fundamentals such as Regression Models and Decision Trees

# NOTABLE ACHIEVEMENTS

# 5<sup>th</sup>, Daystar Innovation Challenge, 2024

In a team of 6, participated in the Daystar Innovation Challenge that took place in December 2024. Our innovation, **Faraja**- a mental-health oriented application that is able to provide judgement-free ranting spaces, morning pages to journal thoughts and equipped with escalation mechanisms and contacts- emerged **5**<sup>th</sup> out of 16 participating teams from a wide pool of contestants.

# 2<sup>nd</sup> Runners up, DITA AI CHALLENGE, 2025

In a team of 3, participated in the Daystar Information Technology (DITA) Al Challenge. Our ingenious methods of data manipulation and utilization of Artificial Intelligence on the

provided dataset enabled us scoop the 2<sup>nd</sup> Runners Up position.

This event was graced by QhalaTrust, a subsidiary of Qhala, which is an Al-centric Innovation Hub.

#### **REFEREES**

#### **AVAILABLE UPON REQUEST**