



# BRIAN OUKO

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## Objective

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Equipped with strong problem-solving abilities, willingness to learn, and excellent communication skills. Poised to contribute to team success and achieve positive results. Ready to tackle new challenges and advance organizational objectives with dedication and enthusiasm

## Education

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- **World Quant University** Expected in Feb 2025  
Applied Data Science Lab
- **Moringa School** Dec 2024  
Data Science
- **University of Washington** Sep 2024  
Project Management in Global Health
- **Masinde Muliro University of Science and Technology** Dec 2019  
BSc. Environmental Science  
Second upper

## Licences & Certifications

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- **Communication Foundations (2018)**  
Obtained from LinkedIn e-Learning in Oct 2024. Here, I learnt more of how to express and communicate effectively
- **Creating and Giving Business Presentations (2014)**  
Issued Oct 2024. Learnt how to create templates best for business presentations highlighting key areas to emphasis on
- **Data Engineering Foundations**  
Issued Oct 2024. Learnt more of data engineering and some of the major tools used in the process
- **Design thinking: Understanding the Process**  
Issued Oct 2024. Learnt how to think when I want to solve a problem or offer a solution. I must have a starting point before rushing for quick fading finishing line
- **Leading yourself**  
I learnt how to manage and control myself in different circumstances.
- **Project Management Foundations**  
Learnt how to manage a project with key steps application
- **Teamwork Foundations**  
Learnt how work as a team and what it takes for effective collaboration
- **Leadership Essentials, part of Black Leadership Academy**  
Learnt how to work in general environments as a black person with additional skill sets
- **Global Health, Climate Change, and Technology: An Intersectional Approach**  
Learnt application of Technology in solving environmental and health challenges

## Professional Courses

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- Bureau for Global Health Environmental Management Process Training (e-Learning Global Health)
- Population, Health and Environment (e-Learning Global Health)
- Bureau for Global Health Environmental Management: Mitigation & Monitoring (e-Learning Global Health)
- Basics on the use of Digital Systems in Health (e-Learning Global Health)
- Data Quality (e-Learning Global Health)
- Fundamentals of M&E (e-Learning Global Health)
- Diploma Project Management (Alison)
- ISO 45001:2018 - Principles of Occupational Health and Safety Management Systems (Alison)

## Experience

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- **Lwala Community Alliance** Apr 2024 - Current  
Digital Support Associate  
Training and Mentorship
  - Train, coach, and mentor CHPs/CHAs on digital tools (e-CHIS/CommCare), data collection techniques, device management,

and job aids.

- Conduct continuous online training for CHAs and program teams to improve service delivery.

#### Community Support and Engagement

- Attend community review meetings to provide feedback on digital service use and emerging data quality issues.
- Sensitize CHPs/CHAs on research ethics, particularly confidentiality.

#### System Implementation and Technical Support

- Collaborate with technical teams and MOH to plan and execute eCHIS and CommCare implementation for improving community health indicators.
- Provide technical support and troubleshoot hardware and system issues, escalating unresolved problems to relevant teams.
- Distribute devices and manage inventory, ensuring accountability and compliance with asset management policies.

#### Data Quality and Reporting

- Ensure timely and consistent data reporting by CHPs through collaboration with CHWs and MOH officials.
- Investigate and document digital data quality issues to engage with relevant teams for resolution.
- Perform data quality assessments (DQA), follow up on issues, and provide actionable solutions.

#### Monitoring and Analysis

- Update CHPs and CHAs registries to ensure active users report using the latest system versions.
- Monitor and analyze key community health indicators (e.g., MOH forms 513, 514, and 515) to guide program improvements.
- Collect user feedback to improve system functionality and usability.

#### Resource Development and Capacity Building

- Develop training resources, such as tutorial guides, to assist with navigating systems.
- Build the capacity of individuals with low digital familiarity to enhance their effectiveness.

#### Digital System Enhancement

- Support the digitalization of MOH tools and mobile data collection processes for better service delivery.
- Ensure accurate, accountable, and timely workflows and data reporting by CHAs/CHPs.

### • Lwala Community Alliance

Jan 2023 - Mar 2024

#### Data Assistant

- Support data quality checks initiatives for Community Health Promoter metrics
- Support data entry as required by the tech teams
- Support program teams in providing digital tools data from LCA and MOH databases
- Participate in updating profiles and records for Community Health Promoters whenever required and as need arises.
- In charge of the custody for Community health paper records and evaluation data.
- Work with the Community Health team to facilitate data reviews for the Community Health programs and ensure data quality through continuous data quality checks.
- Proactively communicate with Information systems administrator and Mother and Child program coordinators on data quality issues
- Work with digital systems team to resolve data quality issues
- Support the digital systems and MOH team during CHPs training on digital tools that support program expansion
- Document and maintain digital commodities register.

### • Lwala Community Alliance

Mar 2020 - Dec 2022

#### Lwala Community Volunteer

- Cultivated a strong network of public health professionals, facilitating collaboration on projects aimed at improving overall community wellbeing.
- Administered surveys and analyzed data to assess the effectiveness of health interventions, informing future program planning and implementation.
- Evaluated program effectiveness through data analysis and feedback collection, leading to continuous improvements in service delivery.
- Created targeted campaigns addressing specific public health issues, resulting in increased awareness and prevention efforts within the community.
- Participated in health promotion campaigns to raise awareness of health issues.
- Contacted clients in person, by phone or in writing to ascertain compliance with required or recommended actions.
- Led outreach activities to target specific demographics and promote health initiatives.
- Helped vulnerable individuals navigate complex healthcare system.
- Mobilized communities to take action on critical public health issues by organizing events and initiatives that fostered collective engagement.
- Conducted comprehensive needs assessments, identifying gaps in healthcare services and resources within the community.

### • Lwala Community Alliance

Oct 2021 - Dec 2021

#### Data Assistant

- Attended monthly review meetings and reported back to R&L team on major issues related on digital data system
- Reviewed and managed troubleshooting data submission errors and data error issues reported in digital data system
- Supported data quality, reporting and analysis

- o Supported community health indicators, especially MOH 513, 514 & MOH 100
- o Documentation of digital data
- o Quality control procedure including random phone calls to check on household visits, self check, screening and data entry quality
- o Provided technical assistance/ capacity building tasks on digital system
- o Performed procedures for data preparation including data cleaning, standardization and analysis

#### • Kenya National Bureau of Statistics

Aug 2019 - Aug 2019

##### Census Enumerator

- o Recorded and stored data in Computer Assisted Personal Interviewing application during an oral interview with Kenyan citizens
- o Provided Geo-Cache for every Household that was enumerated to help the government in house mapping
- o After completion of duties on daily basis, synched the data to the server after they were confirmed by the supervisor

### Skills

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- Decision-making
- Critical thinking
- Problem-solving
- Time management
- Adaptability & flexibility
- Excellent communication
- Teamwork and collaboration
- Organised and detail oriented
- Leadership skills
- Creative and innovative
- Analytical skills

### Projects

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#### • Nyatike Sub-County Dashboard

Built Nyatike Sub-County KPIs dashboard for the eCHIS data shared from the server using Google sheet and pivot tables

Clients: MoH, LCA

#### • Product Recommendation and Product Review System

Collabrated on github in a team of 5 to come up with a systems that would help address key challenges in Kenya's e-commerce landscape

#### • My portfolio

Built my self a portfolio website to showcase what I have done and my experience as Data Scientist and stored it in a QR Code above

### Achievements & Awards

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- Was a Lead Researcher in a group of 3 in a research conducted by Lwala Community Alliance that involved the assessment of livelihood and heath patterns for communities living in Rongo, Awendo and Uriri Sub Counties (March 2021 - June 2021) and Nyatike Sub County (August 2022) with the use of RedCap
- Have participated in both Patient Satisfaction and Staff Satisfaction Surveys carried out in all health facilities linked to Lwala Community Alliance with the use of Commcare
- Participated in Socio-Political Survey conducted by Plutus Consulting Limited whose main objective was to understand the political landscape and awareness amongst those living in Rongo Sub County with the use of Kobo Collect
- Participated in mentorships and trainings of CHWs on Digital Systems, Community-Led approaches, ICCM, FP, WASH, Nutrition and Reporting tools
- Contributed in WASH marketing and promotion and made highest sales for Sato products and Aqua Clara HH water filters which has impacted the community by enriching them with WASH knowledge and the inclusion of vulnerable groups
- Participated in CHW round 3 study project in Awendo, S. Kamagambo (Rongo) and Lambwe (Homabay) as research assistant
- Participating in Post-eCHIS (Electronic Community Health Information System) Roll out in Nyatike Sub County and supervising 495 Community Health Promoters.
- Used Google sheets to develop device inventory tracking spreadsheet
- Collaborated with MoH in the digitalization of CHU Support Supervision, Presbyopia Supervision, 360° Support Supervision, Migori County CHU Digital Maturity Assessment tools
- Developed Google sheet sharable dashboard for Nyatike Sub-County KPIs
- Managed to support over 600 Community Health Promoters in Nyatike Sub-County in 58 Community Health Units
- Collaborated in a team of 5 in building product recommendation and product review system for e-commerce platforms and also built a simulation website called TrendSense to demonstrate how the system would help address key challengea in Kenya's e-commerce landscape
- Managed to build myself a portfolio that showcase my achievements and success to broad audience and stored it in the above QR Code

### Interests

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- Reading Novels
- Research
- Community Volunteer
- Adventures

- Art & Craft

## Reference

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- **Stella Wanjala - Masinde Muliro University of Science and Technology**  
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- **Elizabeth Obiero - Lwala Community Alliance**  
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