

JOSEPH OKUMU OTIENO

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PROFESSIONAL SUMMARY

Driven and detail-oriented data enthusiast with a BSc in Computer Technology from Multimedia University of Kenya, specializing in Data Science, Machine Learning, and AI. Demonstrates hands-on experience in data analysis, visualization, and predictive modeling using Python, R, and SQL across diverse datasets. Passionate about uncovering actionable insights, building data-driven solutions, and supporting strategic decision-making in fast-paced environments. Adept at communicating complex findings clearly, collaborating across teams, and continuously learning to stay ahead in the evolving data landscape.

SKILLS


Technical Skills

Spreadsheet skill: Excel|Spreadsheets
BI & Visualization Tools: PowerBi|Tableau
Databases & Querying: SQL
Python(Pandas, Matplotlib, Numpy, Seaborn) | R
Git | Github
OS: Windows | Linux
Data science | Machine Learning

Soft Skills

- Effective Written and Verbal communicator
- Team work and collaborator
- Attention to detail and accuracy
- problem solver
- Meticulous and detail-oriented
- Adaptability to fast paced and dynamic environments

PROFESSIONAL EPERIENCE

05/2025 – present Nairobi, Kenya	Operation Associates, Uber ltd (Fuzu ltd) I play a key role in enhancing the security of the Uber platform through precise data labeling and verification. <ul style="list-style-type: none">• Ensures accurate matching of driver selfies with profile photos, bolstering user trust.• Improvies data processing workflows, leading to a 20% increase in efficiency.• Develop skills in data analysis and remote collaboration, contributing to a safer ride-sharing experience.
06/2024 – 11/2024	Data Analysis Internship, Celestial Crafters <ul style="list-style-type: none">• Performed initial data cleaning and preparation taks• Collaborated in a paired team to execute an end-to-end exploratory data analysis (EDA) on retail sales data, focusing on customer demographics and purchasing behavior.• Applied data cleaning techniques and conducted descriptive statistics to derive key insights from raw datasets.• Performed time series analysis to uncover sales trends and seasonal patterns, contributing to actionable business recommendations.• Developed impactful data visualizations using Power BI and Python to tell compelling data stories.
05/2022 – 01/2023 Kisumu, Kenya	IT Support Attachee, Jaramogi Oginga Odinga Teaching and Referrral Hospital (JOOTRH)  <ul style="list-style-type: none">• Installed and configured routers, switches,desktops, and UPS, ensuring efficient office operations.• Responded to and escalated user support calls, ensuring smooth hospital operations.

- Managed hardware and software setups, following IT policies to maintain seamless hospital functionality.
- Installed and configured hospital and lab management systems, streamlining departmental coordination.
- Set up hardware and software, maintaining IT policy standards for a secure and consistent environment.
- Ensured HMIS functionality for seamless data storage, departmental coordination, and efficient data retrieval in the hospital.

PROJECTS AND ACCOMPLISHMENTS

05/2025

Deloitte Australia Data Analytics Job Simulation on Forage - May 2025

- Completed a Deloitte job simulation involving data analysis and forensic technology
- Created a data dashboard using Tableau to visualize key performance indicators and tell a data story job simulation.
- Used Excel (e.g. pivot tables, formulas) to classify data and draw business conclusions

EDUCATION

Nairobi, Kenya

Bachelor of Science in Computer Technology, Multimedia University of Kenya

CERTIFICATIONS

01/2024 – present
Nairobi, Kenya

Data Science, ALX

Rigorous training in SQL, Spreadsheets (Excel/Google Sheets), Python for data analysis, and Power BI/Tableau.

04/2024 – 11/2024

Safaricom-Huawei AI/ML Bootcamp, Huawei Talent

01/2024 – 04/2024

Software Engineering, Power Learn Project (PLP)

08/2022 – 12/2022
Nairobi, Kenya

Data Science and Machine Learning,

National Research Fund, Kenya (Kenyatta University)

04/2022 – 09/2022

Laravel Framework Development,

Equator Institute of Technology & Professional Studies

04/2022 – 07/2022

Data Analysis, Coursera

02/2022 – 05/2022

Technical Support, Coursera

REFERENCES

Mr. Henry K. Ndithi, *Chairman, Department of Information, Communication & Technology,*
Multimedia University of Kenya
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