Omollo Felix Odhiambo

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Career Objective

Motivated and detail-oriented Geoinformatics graduate seeking to contribute to innovative geospatial solutions through GIS, remote sensing, and spatial data analysis. I aim to support organizations in solving real-world problems through technology while continuing to grow as a geospatial professional.

Technical Skills

- **GIS Software:** ArcGIS Pro, QGIS

- **Remote Sensing:** Google Earth Engine Python API

- **Web Mapping & Programming:** Python, Geoserver, ReactJS, qgis2web

- **Survey & Mapping:** Topographic, Hydrographic and Leveling surveys

- **Design Tools:** Blender, Pix4Dmapper, AutoCAD

Professional Experience

Mapping Technician (Contract) – Ramani Geosystems
May 2025 - Current
 - Contributed to geospatial data updates and map revisions.
 - Collaborated with the geospatial team to maintain spatial data accuracy.

Mapping Assistant (Contract) – Ramani Geosystems
May 2024 – August 2024
- Collected and processed geospatial data for mapping urban infrastructure using ArcGIS.
- Produced visualizations and maps for project deliverables, improving data clarity.
- Utilized satellite imagery and remote sensing to enhance geographic data coverage.

Student Attaché – Kenya Electricity Generating Company (KenGen)
May 2023 – August 2023
- Conducted spatial data analysis using ArcGIS Pro and Python.

- Participated in hydrographic, drone-based, and lake-leveling surveys.
- Analyzed remote sensing data and generated actionable insights.

Student Attaché – Taita Taveta University
May 2022 – September 2022
- Supported data collection and analysis for academic geospatial research.
- Produced maps and conducted field surveys for environmental monitoring.

Education

Bachelor of Science in Geoinformatics
Taita Taveta University, Kenya

Award: Second Class Honours – Upper Division

Key Coursework: Remote Sensing, GIS Modeling, Spatial Databases, Environmental Monitoring, Python for Geospatial Analysis

Final Year Project: Design and Implementation of a Smart Power Outage Reporting and Management System
– Built using PostgreSQL/PostGIS, GeoDjango, React.js, and Leaflet

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Volunteer Experience

River Voi Mapping Project – Mwatate, Voi
December 2021
- Collaborated with Rotaract Club of Voi and the university GIS Club to survey and map River Voi.
- Participated in environmental cleanup and geospatial awareness campaign.

Certificates

UAVs in Precision Agriculture – ITC & Geoversity, 2024

Transform AEC Projects with GIS and BIM (MOOC) – ESRI, 2024

Learning ArcGIS Python Scripting – LinkedIn Learning, 2024

Learn Git & GitHub Course – Codecademy, 2024

Python: Object-Oriented Programming – LinkedIn Learning, 2024

React Basics – Coursera, 2023

Cartography (MOOC) – ESRI, 2023

References

Dr. Nashon Adero
Mentor – GIS Researcher and Founder Impact Borderless Digital
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Dr. Godfrey Ouma Makokha
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