IMMACULATE KHAOMA

GIS Analyst

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I am a detail-oriented GIS and Field Officer with 2 years of experience in spatial data collection, analysis and mapping. Proficient in GIS software, remote sensing, and database management for decision support through geospatial insight. Skilled in ground surveys, data visualization. Eager to contribute to Born Free, Kenya for sustainable development and conservation support.

Education

Jomo Kenyatta University of Agriculture and Technology   Sep 2018 - Dec 2023

  Bachelor of Science Geomatics Engineering and Geospatial Information Systems

Bunyore Girls' High School   Feb 2014 - Dec 2017

  Kenya Certificate of Secondary Education (KCSE)

Work Experience

GIS Analyst   Jan 2024 - Present
Geosolutions international limited | Nairobi

- Collected geospatial data through fieldwork, Survey 123 app, GPS devices, and UAV vehicles.
- Cleaned, organized and maintained geospatial datasets from various formats and sources into GIS systems ensuring easy retrieval of data.
- Ensured data accuracy and adherence to organization data policy increasing accuracy of our outputs.
- Provided technical support for GIS related tools and applications to other teams aiding in timely delivery of projects.
- Created accurate and visual appealing maps for reports, presentation and decision making.

Surveyor   Jan 2023 - Mar 2023
Survey of Kenya | Nairobi

- Successfully extended control networks and placed beacons, improving survey precision.
- Conducted boundary reestablishment surveys, reducing disputes in surveyed areas.
- Assisted in general cartography and GIS projects, improving map precision and enhancing lands records.

Attachee   Jan 2021 - Apr 2021
Jomo Kenyatta university Of Agriculture and Technology | Juja

- Collected spatial data through levelling, traverses, triangulation, and topographic survey with 98% accuracy for mapping.
- Created topographic maps, land records, cross-sections, and horizontal profiles, enhancing geospatial analysis efficiency.
- Processed aerial survey imagery in ERDAS for remote sensing applications, improving land-use planning accuracy.
- Applied GIS for spatial data analysis using ArcGIS and QGIS, streamlining project execution by 25%
- Digitized and updated maps using scanned maps and Google earth engine enhancing map records.

Languages

English *(Native or bilingual proficiency)*, **Swahili** *(Native or bilingual proficiency)*,
Luhya *(Native or bilingual proficiency)*

Core Skills

Category name:

Proficiency in GIS software: QGIS and ArcGIS Pro.,
Experienced in creation of digital forms on Survey 123 and Earth ranger for collection of data.,
Basic knowledge of remote sensing, GPS, and data collection methods.,
Advance knowledge in dealing with spatial data formats: shapefiles, GeoJSON, KML),
Knowledge in dealing with web mapping applications: ArcGIS Online, Mapbox and GeoServer. .,
Strong attention to details with proven ability to organize complex geospatial datasets ensuring accuracy in geospatial analyses.,
Comfortable working autonomously on GIS projects while effectively contributing to team objectives.,
Strong analytical mindset with the ability to convey technical insights to diverse stakeholders in a simple non-technical manner.,
Committed to adhering to organization's values on compassionate conservation in all geospatial and environmental projects.

Certificates

Accenture North America Data Analytics and Visualization job simulation   Jan 2025
Forage

Tata Group Data Visualization: Empowering Business with Effective Insights job simulation   Jan 2025
Forage