MERCY MOGAMBI

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SUMMARY

- Motivated GIS Analyst with experience in geospatial data analysis, mapping, and survey operations.
- Skilled in ArcGIS and AutoCAD for spatial data management and visualization.
- Experienced in image annotation, segmentation, and machine learning dataset preparation.
- Strong organizational, analytical, and leadership skills.

EDUCATION

Jomo Kenyatta University of Agriculture and Technology - Nairobi, Kenya   September 2017 - December 2023
Bachelor of Science in Geomatic Engineering and Geospatial Information Systems.
Achieved Second Class Honors.

Moi Tea Girls Secondary School - Kericho, Kenya   February 2013 - November 2016
Attained a B+ in the KCSE examinations.

Lions Primary School - Nakuru, Kenya   October 2006 - November 2012
Scored 384 points out of 500 in the KCPE examinations.

WORK EXPERIENCE

Attachee   July - October 2019
Jomo Kenyatta University of Agriculture and Technology - Nairobi, Kenya

- Conducted field survey work on traversing, tacheometry, levelling, and triangulation.
- Worked on projects related to Remote Sensing, GIS, and Photogrammetry.
- Prepared maps, reports, and graphs from collected data.
- Analyzed and presented data.
- Developed communication skills.

Location Analytics Data Clerk   2nd February 2021 - 19th February 2021
Dalberg Research SEZ Limited - Nairobi, Kenya

- Identified and sourced datasets from various online repositories.
- Updated and maintained the LOCAN catalog with detailed dataset information.
- Removed outliers and addressed missing values to ensure data quality.
- Assisted in generating analytical tables and creating geodatabases using ArcGIS.
- Coordinated with LOCAN teams to ensure timely project execution.
- Supported the team in achieving project milestones and resolving issues.
- Implemented and maintained high standards of quality in project execution.
- Documented project progress and quality issues.

Student Intern   January - April 2022
SS Mehta & Sons - Nairobi, Kenya

- Gained hands-on experience in calculating earthwork volumes utilizing AutoCAD Civil 3D for project planning and analysis.
- Assisted in capturing original ground levels (OGLs) and monitoring elevation changes to assess construction progress.
- Used a dumpy level to ensure accurate grading and leveling of successive road construction layers.
- Performed TBM heighting and precisely marked chainages and culvert positions for effective road alignment.
- Participated in fieldwork involving detailed topographical mapping of the Ndarugo region.
- Verified formation levels post-construction to maintain alignment with engineering design specifications.

Student Intern   January - April 2023
Ostraca Limited - Nairobi, Kenya

- Conducted precise surveying under the guidance of a senior surveyor.
- Used ArcGIS to manipulate and process data, spatial and non-spatial.
- Used AutoCAD to manipulate and process spatial and non-spatial data and create maps.
- Processing the survey data through computations and preparing survey plans for the various parcels surveyed.
- Managed calendar, emails and phone calls.
- Managed paper or electronic filing system by recording information, updating paperwork and maintaining documents.
- Collaborated with other departmental leaders to establish organizational goals, strategic plans and objectives.

Data Specialist   June 2024 – May 2025
CloudFactory Kenya Limited – Nairobi, Kenya
- Accurately label images with relevant tags and annotations.
- Prepare high-quality annotated datasets for training machine learning models.
- Review and refine annotations to maintain high data quality standards.
- Segment images to delineate objects from the background with high precision.
- Identify and categorize each pixel in an image based on object class.
- Separate different instances of the same object class within an image.
- Utilize Hasty software to virtually stage spaces.
- Customize staging elements to match specific client needs or design trends.
- Enhance visual appeal of spaces through strategic virtual design.

Associate Data Analyst   April – May 2025
Excelerate – Dubai, United Arab Emirates
- Collaborated with peers to curate, analyze, and transform raw data into meaningful insights with accuracy and consistency.
- Developed compelling presentations by applying data visualization, analysis, and storytelling techniques.
- Performed data cleaning, exploratory data analysis (EDA), and create structured datasets for insights.
- Designed dashboards in Looker Studio to highlight key metrics and present findings to stakeholders.

Relo Metrics Sponsorship Analyst   May 2025 - Present
- Analyze social media images and videos to identify and evaluate sponsor exposure in sports and entertainment content.
- Draw bounding boxes around brand appearances to support AI training and media valuation.
- Assess Media Value Parameters (MVPs) including duration, size, recognizability, prominence, and location.
- Ensure accurate and high-quality data annotation aligned with internal quality standards.
- Meet daily productivity and accuracy targets in high-volume annotation tasks.
- Support cross-functional efforts by delivering detailed sponsor exposure data from broadcast and digital sources.

TRAINING AND CERTIFICATIONS

Total Station and Levelling Fundamentals Oakar Services - Nairobi, Kenya	**APA Group - Engineering for New Energy Job Simulation** Forage
Introduction to the Digital Earth Africa Sandbox Digital Earth Africa	**Spatial Data Science: The New Frontier in Analytics** Environmental Systems Research Institute, Inc. (ESRI)
Surveying using GPS/GNSS Oakar Services - Nairobi, Kenya	**Make an Impact with Modern Geo Apps** Environmental Systems Research Institute, Inc. (ESRI)
Career Essentials in Generative AI Microsoft	**Going Places with Spatial Analysis** Environmental Systems Research Institute, Inc. (ESRI)
Career Essentials in Data Analysis Microsoft	**GIS for Climate Action** Environmental Systems Research Institute, Inc. (ESRI)
Virtual Assistant Program ALX Africa	

SKILLS

TECHNICAL SKILLS
- Data interpretation, visualization and analysis.
- Knowledge of surveying techniques, procedures, and principles.
- Ability to be flexible and work under pressure.
- Proficient in utilizing land surveying equipment.
- Excellent organizational, communication and analytical skills.
- Familiarity with performing topography and control surveys.
- Hands-on experience in performing research and maintaining records for surveys.
- Database design and maintenance using MySQL.
- Surveying, mapping and software skills.
- Image annotation and segmentation.

LEADERSHIP SKILLS
- Chairperson in Math and IT club- in high school 2015-2016.
- Treasurer in Journalism club- in high school 2013-2014.
- Sports captain – in high school 2014-2015.

- Machine learning data preparation.
- Experienced with Hasty and other annotation tools.
- Virtual staging and design.
- Quality control and precision.

INTERESTS

Volunteering in charitable activities	Women Empowerment	Hiking and camping
Travelling	Watching documentaries	

LANGUAGES

Kiswahili - Native	English - Expert	Japanese- Beginner

REFEREES

Mr. Lawson Oriago
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