

Rebecca N. Kamunya

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EDUCATION

Jomo Kenyatta University of Agriculture and Technology
B.Sc. in Geospatial Information Science

Main Campus
2020 - 2024

WORK EXPERIENCE

United Nations Volunteers – East and Southern Africa Region (UNV ESARO)

Remote

Social Media Support

March 2025 – present

- Share and promote corporate content on various digital and social media platforms (e.g., Facebook, Twitter, Instagram, LinkedIn).
- Develop creative ideas and content to engage diverse audiences and raise awareness of key messages and stories.
- Work with the communications team to produce relevant digital content, including posts, articles, graphics, and videos.
- Actively engage with local organizations and communities to foster partnerships and increase campaign reach.
- Organize and participate in online events, such as virtual discussions, webinars, and digital storytelling sessions.

Survey of Kenya

Ruaraka

Industrial Attachee

May 2023 – August 2023

- Performed Cassini-UTM Coordinate Transformation on 50+ datasets, enhancing precise mapping for land management projects.
- Conducted Quality Control for Survey jobs, reviewed over 10 field notes and ensured consistency in spatial data.
- Plotted and manipulated spatial data using AutoCAD for over 10 projects, streamlining geospatial data analysis.
- Georeferenced and digitized 30+ features using ArcGIS, improving mapping accuracy by 15%.
- Collected spatial data using Total Station and GNSS, enhancing data collection efficiency by 25%.

Jomo Kenyatta University of Agriculture and Technology

Juja

GIS Student Attachee

May 2022 – June 2022

- Conducted 3D construction of over 15 images, enhancing visual analysis for geospatial projects.
- Developed flight plans using Litchi, DJIFlightPlanner and AutoCAD, improving data collection efficiency.
- Classified images using ERDAS & SNAP to analyse landcover, simplifying features and their attributes.
- Utilized GIS programming languages to automate repetitive tasks, boosting workflow productivity by 15%.
- Gained proficiency in Google Earth Engine (GEE) perfecting satellite data analysis.

LEADERSHIP EXPERIENCE

Moi Girls Isinya Secondary School

Kajiado

C.U Librarian

September 2017 – May 2018

- Managed and organized a collection of over 100 books, improving the cataloguing process by 15%.
- Curated and recommended books and media, increasing member engagement by 10%.
- Provided reference services to assist over 150 students with specific inquiries, and successfully located materials for 95% of requests.

SKILLS AND INTERESTS

Skills: ArcGIS; AutoCAD; ERDAS Imagine; GEE; R; Microsoft Office (Word, Excel, PowerPoint); HTML; CSS; Python; SQL; Django; Bootstrap; Canva

Interests: Interacting with customers, volunteering, creating content on Instagram, playing a guitar, singing, basketball.

REFEREES

Dr. Charles O. Gaya, Ph.D.
Director-DIPCA, Lecturer-GEGIS, JKUAT
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