Rebecca Njoki Kamunya

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EDUCATION

Jomo Kenyatta University of Agriculture and Technology   **Main Campus**
B.Sc. in Geospatial Information Science   2020 - 2024
Attained Second Class Honors
- ***Dissertation***: Site Selection Prediction for Supermarkets Based on Multi-Source Spatial Data Using Machine Learning Techniques.

Moi Girls Isinya Secondary School   **Kajiado**
Kenya Certificate of Secondary Education (K.C.S.E)   2016 - 2019
Scored a **B+** and attained the following grades:
- Mathematics: B+
- English: B+
- Kiswahili: B+
- Biology: B-
- Chemistry: C+
- Physics: B-
- Geography: A-
- C.R.E: B+

Kajiado Hills Academy   **Kajiado**
Kenya Certificate of Primary Education (K.C.P.E)   2004 - 2015
Scored 383 marks and attained the following grades:
- Mathematics: B+
- English: A
- Kiswahili: A-
- Social Studies & C.R.E: A-
- Science: B+

WORK EXPERIENCE

Zynamis Limited   **Nairobi**
Apprentice   *May 2025 – present*
- Assist in developing front-end and back-end features using technologies such as **JavaScript, React, Python, Django** and REST APIs.
- Indulge in code reviews, testing, debugging, and documentation.
- Collaborate with designers, developers, and stakeholders to translate requirements into functional software.
- Write clean, maintainable code and perform unit testing to ensure code quality.
- Participate in agile sprints, contributing to both front-end and back-end development tasks.

United Nations Volunteers – East and Southern Africa Region(UNV ESARO)   **Remote**
Social Media Support   *March 2025 – June 2025*
- 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.

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, handheld GPS and GNSS, enhancing data collection efficiency by 25%.

Jomo Kenyatta University of Agriculture and Technology **Juja**
Industrial Attachee *May 2022 – June 2022*
- Worked with data collection tools such as SW maps to map eateries around JKUAT Campus.
- Conducted 3D construction of over 15 images using ERDAS, enhancing visual analysis for geospatial projects.
- Executed data cleaning, validation and transformation of land parcels using ArcGIS.

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 cataloging 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.

Geography Ambassador *February 2016 – November 2019*
- Served as a spokesperson for Geography during meetings with parents and teachers.
- Offered support and provided help and subject resources when needed.
- Tutored younger students in the subject.

CERTIFICATIONS
- **Microsoft Student Learn Ambassador (MLSA)** – Real Estate Price Prediction (2022)
- **Disaster Assessment Using Synthetic Aperture Radar** – NASA(2022)
- **JavaScript and React.JS** – Devtown (2023)
- **KAIROS** – Mission Campaign Network (2024)
- **Web Development** – eMobilis Technology Training Institute (In progress)

ACHIEVEMENTS
- Holder of a valid driver's license.
- Digitized over 100 features through the HOTOSM platform.
- Designed my portfolio website showcasing my expertise and recent works.
- Created a web app called **IDFinder** that enables Kenyan citizens to report and retrieve lost ID's using **MySQL**, **Bootstrap** and **Django** frameworks.
- Participated in the Bible Translation and Literacy 5km Walk held on 16th March 2024.

PROFESSIONAL BODIES
Student Member of Institution of Surveyors of Kenya (ISK) – Member No. **5045**

SKILLS AND INTERESTS
Skills: ArcGIS; AutoCAD; ERDAS Imagine; GEE; R; Microsoft Office (Word, Excel, PowerPoint); HTML; CSS; JavaScript; Python; MySQL; Django; Bootstrap; Canva
Interests: Content creation, volunteering, customer care, playing a guitar, singing, basketball.

REFEREES
Dr. Charles O. Gaya, Ph.D.
Director: Directorate of performance Contracting and Appraisal (DIPCA)
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