# Moses Cheboi

**Home** : Uganda Street 844-30100, 30100, Eldoret, Kenya

**Email:** moseskibiwott98@gmail.com  **Phone:** (+254) 798148200

**WhatsApp Messenger:** +254798148200

**LinkedIn:** https://www.linkedin.com/in/cheboi-moses-457085213/

**Passport:** AK1434099  **Work permit:** Kenyan  **Gender:** Male  **Date of birth:** 23/07/1998  **Place of birth:** Eldoret, Kenya  **Nationality:** Kenyan

## ABOUT ME

Geospatial Engineer with strong expertise in GIS, remote sensing, and spatial data management applied to Humanitarian Affairs, Disaster risks, climate change, and sustainable
development. Experienced in supporting UN and government projects using ArcGIS Pro, QGIS, Google Earth Engine, and PostGIS. Passionate about leveraging spatial technologies to monitor ecosystems, inform conservation policies, and design data-driven solutions for environmental resilience across Africa.

## WORK EXPERIENCE

### Geonexus Engineering LTD · Full-time

**City:** Nakuru  |  **Country:** Kenya

[ 05/03/2025 – Current ]  **GIS analyst**

- Executed engineering and land surveys for roads, bridges, and water projects.
- Collected, analyzed, and mapped spatial data using GPS, total stations, drones, and GIS tools.
- Produced topographic maps, layout plans, and reports using AutoCAD, Civil 3D, and ArcGIS.
- Supported project planning with accurate geospatial data and boundary assessments.

### Kenya Power

**City:** Eldoret  |  **Country:** Kenya

[ 08/11/2023 – 13/02/2025 ]  **GIS mapping technician**

- Conducted spatial correlation of power loss data with infrastructure quality
- Designed and maintained geospatial databases to support national utility network planning
- Produced high-resolution maps for operational support and infrastructure planning.
- Collaborated with engineering teams to deliver spatial insights for network maintenance

### United Nations DPPA-DPO

**City:** New York  |  **Country:** United States

[ 01/03/2023 – 30/09/2023 ]  **GIS data specialist**

- Produced dynamic GIS maps and dashboards for crisis monitoring, operational decision-making.
- Contributed to early warning and spatial risk analysis for climate and safety emergencies

- Developed and maintained web maps, dashboards, and automated geospatial workflows.
- Conducted geospatial analysis and visualization to support UN missions in conflict-affected areas.
- Designed map layers combining political, humanitarian, and environmental data to aid cross-pillar strategic planning.
- Contributed to the geospatial data infrastructure through data cleaning, and automation

### *Ministry of Lands and Physical Planning*

**City:** Eldoret   |   **Country:** Kenya

[ 16/06/2021 – 10/09/2021 ]   **GIS mapping assistant**

- Mapped urban transport vulnerabilities by combining social, economic, and environmental spatial
- data to inform equitable access planning.
- Digitized cadastral maps and generated topographical layers to support sewer rehabilitation and green space allocation
- Assisted field teams with GPS data collection and quality assurance for large-scale county projects

## EDUCATION AND TRAIN-ING

[ 04/09/2017 – 23/09/2022 ]   **Bachelor of Science in Geospatial Engineering**

*University of Nairobi*      https://geospatial.uonbi.ac.ke/admission-content-type/bachelor-science-geospatial-engineering

**City:** Nairobi   |   **Country:** Kenya   |   |   **Level in EQF:** EQF level 1

## LANGUAGE SKILLS

**Other language(s):**

**English**

**LISTENING** C2  **READING** C2  **WRITING** C2

**SPOKEN PRODUCTION** C2  **SPOKEN INTERACTION** C2

*Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user*

## PUBLICATIONS

[ 2022 ]   **Use of GIS and Remote Sensing in Assessing Landslide Susceptibility in Narok North**

## HONOURS AND AWARDS

[ 23/09/2022 ]   **Second Class Honours, Upper Division (BSc Geospatial Engineering) Awarding institution:** University of Nairobi

Awarded Second Class Honours (Upper Division) upon completion of Bachelor of Science in Geospatial Engineering. This reflects consistent academic performance across coursework, projects, and examinations.

[ 20/07/2022 ]   **Best Final Year Project – GIS and Remote Sensing in Landslide Assessment Awarding institution:** University of Nairobi, Department of Geospatial Engineering

Received top grade (A) for final year project *"Use of GIS and Remote Sensing in the Assessment of Landslides in Narok North Sub-County"*. Recognized for innovative application of geospatial tools to natural hazard mapping.

**[ 10/02/2025 ]**    **GIS Team Lead – Kenya Power & Lighting Company (KPLC) Awarding institution:** Kenya Power & Lighting Company

Recognized for leadership during nationwide GIS data collection. Successfully led field teams in Turkana and Samburu, adapting strategies to harsh conditions and completing the project ahead of schedule.

**[ 19/08/2025 ]**    **Professional Certifications Awarding institution:** ESRI, UN CC:Learn, RCMRD, PEDRR

Multiple certifications from **ESRI, UN CC:Learn, RCMRD, PEDRR**, and other institutions in climate change, disaster risk reduction, and spatial data science.

## SKILLS

Microsoft Excel | Microsoft Powerpoint | GIS and Remote Sensing | Data Analysis | Power BI | Python | Database management | SQL | Data Visualization | Tableau | Pandas | Data Science | Jupyter Notebook

## SOCIAL AND POLITICAL ACTIVITIES

**[ 03/09/2019 – 06/10/2019 ]**

**Volunteer Work with Children's Homes (Dagoreti Corner, Nairobi & Tree house, Roysambu)**

Nairobi

Regularly visited and supported children's homes through mentorship, donations, and community activities.

**[ 05/06/2022 – 07/06/2022 ]**    **Community Environmental Advocacy**    Narok Kenya

Participated in local awareness campaigns on sustainable farming and climate resilience.

Advised farmers in Narok on avoiding poor farming practices that accelerate landslides.