

PHILBERT SIAMA

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EDUCATION

Africa Urban Lab

Zanzibar, Tanzania

Expected May 2025

- Postgraduate Professional Diploma in Urban Planning.
- Relevant Coursework: urban governance, urban planning, urban finance, and urban economics.
- Capstone Research project: "Assessing policy development on the welfare of street children and knowledge exchange in Kampala City, Uganda".

Technical University of Kenya

Nairobi, Kenya

December 2023

- Bachelor's Degree In Built Environment, Urban and Regional Planning
- Final Research project: "Monitoring the rate of urban growth using Landsat Time Series Data (1985 - 2023), A Case Study of Kikuyu Municipality"

EXPERIENCE

Geospatial Gurus (GSG)

Nairobi, Kenya

Assistant Urban and Regional Planner

September 2024 - Present

- Leading the preparation of a comprehensive mixed-use masterplan for a university community in Ewaso Kedong, Kajiado County.
- Utilizing GIS and Python for site analysis, assessing environmental and infrastructural factors to guide land-use decisions.
- Engaging stakeholders, including university representatives, local officials, architects, engineers, and environmental specialists, to ensure a holistic and sustainable design.
- Developing reports, presentations, and visual materials to effectively communicate the masterplan's vision and progress.
- Integrating sustainable urban planning principles, incorporating green spaces and energy-efficient buildings.

Research Assistant

September 2023 - September 2024

- Led a data collection team conducting research in Mathare, Kibera, Kahawa Soweto, and Mukuru kwa Njenga.
- Designed targeted surveys to ensure accurate data collection aligned with research objectives.
- Managed data entry, cleaning, and analysis, alongside desk studies and literature reviews.
- Automated Excel and CSV tasks, including data cleaning, visualization, and report generation, using custom Python applications.
- Developed interactive Python dashboards to visualize field data, enhancing accessibility and impact.

National Environmental Management Authority(NEMA)

Eldoret, Kenya

Urban and Regional Planning Attachee

August 2022 - December 2022

- Worked with NEMA professionals to apply regulatory frameworks in urban planning, ensuring compliance with environmental standards.
- Participated in stakeholder meetings and workshops, fostering collaboration between internal teams, NEMA, and external partners.
- Organized project information and assisted in report preparation, ensuring adherence to established protocols.

SKILLS

Technical Skills

- GIS & Spatial Analysis (Python) – Mapping, data visualization, automation, and geospatial processing
- Land Use, Transport & Infrastructure Planning – Zoning, policy development, urban design, and mobility planning
- Map Reading & Interpretation – Cartographic analysis for informed decision-making
- Research & Documentation – Literature review, data collection, technical reporting, and policy documentation

Soft Skills

- Efficient in time management and multi-tasking.
- Strong analytical thinking and problem-solving skills.
- Quick to adapt and apply creative solutions.
- Excellent communication and teamwork abilities.