

CURRICULIM VITAE

NAME: Simiyu Oliver Nyongesa
PHONE NUMBER: 0727410014 / 0737072998
ADDRESS: P.O BOX 483, Kimilili.
E-MAIL: olivertwist014@gmail.com

Personal Statement and Career Objective

A Highly motivated, enthusiastic, creative, adaptable and hardworking individual with keen genuine interest in the geospatial information field with problem-solving skills with ability to work with minimal or no supervision. Keen to learn new skills and gain entry to a graduate level opportunity with a forward-thinking organisation.

Work experience

2021: Vihiga County Government- Department of Geospatial Technologies. 2nd Feb- 25th March- School-based Attachment

I worked as a GIS attaché Geographic Technologies Services lab for three months to aid in the success of the project of the County of Vihiga in partnership with Airbus in mapping out and digitizing of all household facilities within the County. The duties assigned included;

- Digitization
- Data collection
- Data entry
- Data cleaning
- Map production
- Topographic survey

2021-2022: African Centre of Advanced Technology (ACAT)

I worked for about a year as a GIS field operator for ACAT in their Pilot Project in partnership with Kisumu and Vihiga Counties to see the success of creation and assigning of google plus codes that would help in giving the shortest possible directions to access various places using the generated google plus codes including business premises, households, social among others.

Key Tools and Software used

- Data entry software, excel
- Survey 123 collect
- ODK collect

Map creation software

- ESRI ArcGIS software
- QGIS software
- ERDAS software
- ILWIS

Skills & Competence

- **Spatial Data Collection:** Ability and understanding of how to collect spatial data using GPS devices, survey instruments as well as other equipment for data collection.
- **Cartography and Visualization:** Ability to create and design informative maps, charts and tables by use of various GIS software to aid in decision making.
- **GIS and Remote Sensing:** Knowledge of GIS and Remote Sensing with knowledge of use of various remote sensing software including ArcGIS, QGIS, Erdas Imagine to assist in solving problems and analysis.
- **Programming and Scripting:** Basic use of programming languages to execute basic GIS and Remote Sensing tasks to automate geoprocesses.
- **Communication skills & Interpersonal skills:** Effective written and oral communication skills.
- **Teamwork:** Have fitted in well to all teams I have worked in and am able to adapt my communication style to suit the environment. Always listen carefully to others and support my colleagues.
- **IT skills:** Highly competent in use of Microsoft Office programmes. Excellent e-mail and internet research skills
- **Planning and organisational skills:** able to work on several projects at the same time and am capable of balancing competing priorities for example successfully planning coursework and research project deadlines.
- **Working with Others:** Identifying people's needs, interests and motives to be able to influence decisions they make and pro-actively adapting to own style and approach to build rapport to work more effectively with others.
- **Creativity and Innovation:** Finding creative ways to exploit opportunities and solve problems as well as taking risks to push what is possible.
- **Business Know how:** Using data and research to make competitive and financially robust decisions with balance to current and future needs within legal, regulatory, professional and ethical standards.

Academic Practice

Pursued a Bachelor's Degree in Geospatial Information Science with Information Technology at Maseno University, Kisumu City Campus.

2017-2021: Maseno University - Undertook a Bachelor's Degree in Geospatial Information with Information Technology and graduated on 25th February, 2022 with second class, upper division. Core units studied; Remote Sensing Applications, Satellite-Based Positioning Systems, Network Analysis, GIS Modelling, Surveying Techniques, Analysis of Urban Growth and Dynamics, GIS in Transport Planning, Crime Mapping Analysis, GIS in Flood Modelling & Management, GIS in Agriculture and Land Management.

Title of Thesis undertaken: Forest Cover Change Detection on Maragoli Hills using GIS and Remote Sensing Technologies from 1985-2020.

2013-2016: KCSE- Bungoma High School, achievement: B-(minus).

2004-2012: KCPE: Kimilili Primary School, achievement: 318 marks

Referees

Dr. Washington Olando

Director of GIS

County Government of Vihiga

Tel No. 0726305315/0735529979

Email: oladowashington@gmail.com

Dr. Walter Alando

Researcher/Lecturer

Maseno University

Tel No: 0722584962/0736118807

Email: walter.alando@maseno.ac.ke

Jean Lily Munialo,

Clerk,

International Office for Migration

Tel No: 0720315541

Email: jmunialo@iom.int