28 July 2021

NDUNG'U EVANS KARANJA.
A Geo-Information Expert.

Resume.

🌐 : https://bit.ly/evanskaranja

in : Evans Karanja.

M : evanskndungu@gmail.com

📞 : +254740420848

P.O BOX 14 -01031, KINDARUMA, KENYA

CURRICULUM VITAE

PROFILE SUMMARY

I am an astute, open-minded person and a quick learner who is eager to be challenged. A great team player with excellent communication skills and the ability to work under pressure and relate to a wide range of people. My work ethic is embedded in leveraging my skills to find effective solutions to the tasks at hand. Determination, adaptability, agility and willingness to learn new things are key strings that define my personality.

SKILLSET AND COMPETENCIES

- **GIS Spatial Analysis/ Spatial Data Science:** using ArcGIS, QGIS, and Python language.
- **Remote Sensing Skills:** Data acquisition, image Pre- and Post-processing, and digital image analysis in Erdas.
- **Field Data observation:** Using GNSS (both in RTK and CORS configurations), total station, theodolite, and level.
- **Cartographic Skills:** Mapmaking both in manual and using GIS software.
- **Database Management:** Competent in handling SQL& non-SQL databases both in spatial and non-spatial contexts.
- **Graphic Design:** I'm proficient in Indesign and Adobe Illustrator.
- **Data Visualization:** I'm proficient in Microsoft Power BI and Matplotlib/Seaborn.
- **Web Development and Web Mapping:** Using python Django/Geodjango, React Js, Leaflet map API, Google maps API, Safaricom Daraja API and AfricasTalking SMS API.
- **Tech Savvy:** Proficient in windows and Ubuntu-Linux operating system, OS/ software installations, and data entry and data management using Microsoft Office suite and google docs.

EDUCATION AND PROFESSIONAL QUALIFICATIONS

2016 –2021   Jomo Kenyatta University of Agriculture and Technology
- BSc. in Geospatial Information Science => **Second class honours (upper division)**

2015-2016   Embu College
- Computer proficiency   **=>**   Distinction

2012 -2015   Siakago Boys High School
- KCSE => A (81 points)

2003 -2011   Seven Forks Primary School
- K.C.P.E => **317 (B-)**

WORK EXPERIENCE

Information Management Intern.
United Nations Office for the Coordination of Humanitarian Affairs' Regional Office for Southern and Eastern Africa (OCHA ROSEA).
21st June 2021 to Date.
Duties:

- Provide IM support in sudden-onset disasters and complex emergencies with a specific focus on coordination and the application of Information Management (IM) for timely and accurate decision making.
- Design and implement Humanitarian Information Management, GIS, coordinated assessment and data management products and services.

GIS and Remote Sensing Research Intern.
Geopsy Research.
5th April 2021 to 18th June 2021.
Duties:

- Research on food security and urban growth.
- Developing a machine learning model for food security clustering and regionalization.
- Cartographic Map design on Qgis and Web Mappings.
- Hosted a webinar on "DEVELOPING A GIS BASEDPARKING MANAGEMENT AND GUIDANCE INFORMATION SYSTEM" on 27/05/2021.
  YouTube Link: https://www.youtube.com/watch?v=BA-g4gBQ4K0&t

Geographic Information System Developer Intern.
Spatiality Limited.
May 2021 to June 2021.
Duties:

- Field Data collection using Trimble Catalyst.
- Spatial Data Analysis in ArcGIS Notebook.
- Web mapping in ArcGIS Online (AGOL).

Surveyor and Cartographer Attache.
Ministry of Lands and Physical Planning, Survey Department, Ruaraka;
August 2019 to October 2019.
Duties:

- Cadastral file compilation and Cadastral survey quality control/checking.
- Preparation of subdivision scheme plans using AutoCAD
- Data Collection using Total station and RTK.
- GNSS – RTK and Static operation and observation.
- Quality control of Topographic survey.
- Vectorization of raster data by bearing and distances and direct Vectorization using coordinates.Cartographic map design in Arc map.

Land Surveyor Attache.
Jomo Kenyatta University of Agriculture and Technology
5th August 2018 to 6th October 2018.
Duties

- Topographic Surveying using a total station.
- Control Point Network extension using theodolite and EDM.
- Cross-section and profile levelling using a dumpy level.

CERTIFICATION

- [Programming for Geospatial Hydrological Applications](#) by UNESCO
- [Spatial Data Science: The New Frontier in Analytics](#) by Esri.
- [Technical Support Fundamentals](#) by Google.
- [Programming for Everybody (Getting Started with Python)](#) by the University of MICHIGAN.
- Excel Essential Training (Office 365/ Microsoft 365)
- Continuously Operating Reference Stations and RTK GNSS by Measurement Systems LTD.
- TETHYS Platform by RCMRD and AQUAVEO.

Hobby

- Listening to podcasts/audiobooks and watching movies.

REFEREES

Dr Francis Oloo,
Co-Founder and Geoscience Lead,
Geopsy Research.
Lecture,
The Technical University of Kenya.
oloofrank@gmail.com
+254722173755.

Willy Simon,
Director at Spatiality.
Former Managing Director at Esri Eastern Africa.
wsimons718@gmail.com
+254722750451.

Wencelaus Simiyu,
Platform Configuration Engineer,
Esri Eastern Africa,
simiyuwencelaus@gmail.com
+254702340785