ALFRED AMBOKA

GEOMATIC ENGINEERING & GIS | WEB DEVELOPMENT

Profession Profile.

I am a geospatial specialist with a minimum of two years in the field. Professionally , I am determined, self-motivated hardworking to ensure that I maximize on the knowledge I have. In relation to technology, I am working smart to be updated with location intelligence and artificial intelligence in general. I do have team work, leadership skills that form part of my professional well being.

Contacts.

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00100, NAIROBI, KENYA

Languages.

English --- - Fluent.
Swahili --- - Proficient
Luhya --- - Fluent

Hobbies.

- Reading (tech articles & books)
- Playing football
- Nature walk
- Travel - explore new areas.

Referees

Provided on request.

Work Experience

01/2022 - 04/2022 — Attachee | GIS Specialist.
Vihiga County | Address: P.O BOX 344-50300,Maragoli.
- Perform spatial analysis and visualization of data.
- Digitization of analogue maps.
- Spatial data collection using available tools and technologies.
- Update collected data into database system.
- Programming and automating tasks
- Spatial data processing, and adding spatial attribute to data.e.t.c

04/2021 - 06/2021 — Freelancer| GIS Specialist.
Upwork; Online.
- Spatial data processing, analysis and visualization.
- Digitization of maps using skyline explorer (3D scene)
- Research for topic specifed by client majoring in GIS context.
- Perform deep learng and develop prediction model.

05/2018 - 08/2018 — Volunteer| Peer Teacher.
Ekwanda High Sch. | Address: P.O BOX 285- 40105, Maseno.
- Teaching mathematics, physics , and chemistry.
- In charge of math hour for the whole school.
- Coach students in practical field works and lead Innovation club.

Education Background.

08/2018 - Present — Bsc. Geomatic Engineering and GIS.
Jomo Kenyatta University of Agriculture and Technology (JKUAT)
Address: P.O BOX 62000-00100, Nairobi.
Course duration - 5 years.
Grade / GPA ------------------------ N/A

02/2014 - 12/2017 — Kenya Certificate of Secondary Education(KCSE).
Ekwanda High School
Address: P.O BOX 285-40105, Maseno.
Study duration - 4 years.
Grade / GPA ------------------------ B+ | GPA -- 3.78

01/2005 - 11/2013 — Kenya Certificate of Primary Education(KCPE).
Esibembe Primary School.
Address: P.O BOX 21- 40105, Maseno.
Study duration - 8years.
Grade / GPA ------------------------ B | GPA -- 3.55

Key Skills.

- Geospatial information systems(GIS)
- Remote Sensing
- photogrammetry
- Engineering survey
- CAD/CAM/Engineering design.
- Database
- Communication skills.
- Machine learning (Python)
- Frontend web development.
- Advance research
- Project management
- Cadastral surveying.
- Statistical Analysis and Data analytics.
- Data collection and engineering.

Awards and Achievments.

- **Website challenge winner** awarded by JKUAT club through the the department chairperson.
- **Best student leader of the year** awarded at Ekwanda High school for being examplary academic student leader to be emulated.