

Emmaogboji, Egahi Gideon

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SPECIAL SKILLS

- Advanced proficiency in Surveying and GIS application software's, (ESRI ArcGIS, Carlson, ERDAS Imagine, Pix4D, DroneDeploy, DJI GO).
- Data analysis and management software's.
- Microsoft Packages: (i.e., Word, Excel, PowerPoint, Outlook),
- Productivity Softwares: Teams, OneDrive, SharePoint Online, QuickBooks, Matlab, OpenOffice
- Proficiency in SQL, Access Adobe Packages, relational database management. Google sheets, big data analysis, cloud storage, and computing.
- Python, HTML, C++, JavaScript programming
- Google Earth Engine (GEE)
- Internet Information Services (IIS)
- Keen attention to detail, Supervisory/Managerial skills
- Report Writing
- Effective communication and coordination skills,
- Good team player, Interpersonal relations

CERTIFICATIONS

- HSE Certification of Expertise in Health, Safety, and Environmental Practices HSE 1, 2, and 3. May 2019
 - Surveyors Council of Nigeria (SURCON) Enrollment to Pupil Surveyor. June 2019
 - Google Skills for Africa Award October 2020
 - B-Class Driver's License May 2016
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WORK EXPERIENCE

Geomatics Specialist

Alietum Limited Yellowknife, NWT.

April 2023- Present

- Prepare and assist in executing field projects including RPAS missions, RTK GNSS surveys, Airborne remote sensing, Bathymetry surveys.
- Assist in data management including collection, processing, analysis, delivery and protection including the use of mission planning, photogrammetry, CAD, GIS and PPP software's.
- Record keeping
- Participating in research and development

Graduate Assistant

National Research Council of Canada

January 2023- Present

- Research under the NSERC CREATE UTILI program.
- Multi-Scale Snow Depth Mapping Accuracy Assessment in Different Terrain Unit Types in Yellowknife, Northwest Territories.

Survey and Geo-Informatics Engineer Department of Physical Planning

Federal University of Health Sciences Otukpo, Benue State.

August 2021- December 2022

- Prepare all geographic data, charts, plots, maps, and supervise the preparation of GIS records, and documents related to surveys.
- Conducting ground surveys to establish baselines, elevations, setting out and other geodetic measurements.
- Spatial analysis of diverse datasets
- University farm venture, plant supervision and monitoring.
- Supervision and joint survey operations with consultants and contractors.
- Geotechnical investigation and monitoring and Remote sensing using satellite imagery

Part-time Consultant and Site Engineer

September 2020 – December 2022.

Metro International Schools Kubwa Abuja, FCT.

- Monitor maintenance of classrooms blocks and supervise construction of new admin block in Kubwa Abuja
- Supervise purchase of building materials and other office materials.
- Procurement of materials for Metro School branch in Otukpo Benue State.

GIS and Surveying Freelancer

Jan 2020 – August 2020

Site Supervisor El-Tima Allied Contractors, Abuja, FCT.

Geo-informatics Researcher

- Web-based GIS for location-based healthcare service delivery within Akure Ondo State, Nigeria. (In Progress)
- I worked with HTML, CSS, JavaScript, and Angular.

Geo-informatics Researcher

April 2019 – Dec 2020

Department of Surveying and Geo-Informatics Federal University of Technology Akure, Ondo State.

- I executed research on Cloud storage of Spatio-temporal satellite Images.
- 3D Modelling of the Federal University of Technology Akure.
- Control extension from Ilesha garage to Ibule-soro Akure Ondo state.
- Environmental Impact Assessment of Ala River, Akure.
- Statistical data analysis on impacts of learning facilities on student's performance within Federal University of Technology Akure using SPSS and QGIS.
- Spatial analysis of markets within Akure Metropolis
- I researched on Spatio-temporal analysis of land use/land cover changes within Akure.
- I carried out a Spatio-temporal analysis of carbon sequestration from Obanla Forest Akure.
- Performed IT Support duties as regards computer repairs, network connections, Operating System-related issues, etc.

Surveyor and GIS Engineer

May 2018. – March 2019

(NYSC Assignment) Office of the Surveyor-General Ilorin, Kwara State.

- Carrying out basic administrative duties within the office of the Surveyor-General Ilorin.
- Carrying out engineering and cadastral surveying within Ilorin and other parts of Kwara State.
- Topographical survey of government reserved area Budo- Osho Ilorin.
- Setting out of plots within the GRA Layout Budo-Osho Ilorin.
- Perimeter Survey of 15 Hectares within Ilorin West Local Government Area Ilorin.
- Data analysis and results presentation
- Using GIS techniques to carry out geoprocessing and spatial analysis.
- Organizing Geographical Information Systems training for students on industrial training at the Surveyor General's office in Ilorin.

- Digitalization of police posts within Kwara State.

Field Surveyor and GIS Analyst

Dec 2017 – May 2018

Flour Mills of Nigeria Sunti Golden Sugar Farm Mokwa, Niger State.

- Engineering survey, construction of dykes, drainage pump stations, and culverts.
- Operations of UAV drones to acquire digital Imagery of farm site.
- Cadastral Surveying within the farm sites.
- Land preparation surveys, waterway, and drainage construction.
- Data Manager and Analyst
- Using GIS techniques to carry out geo-processing and spatial analysis.
- Remote sensing using satellite imagery and
- Spatial analysis of crop yield using remote sensing applications.

Industrial Training (Internship).

Aug 2016 – Jan 2017

Surveyor Assistant and GIS Analyst Federal Housing Authority Asokoro, Abuja.

- Carrying out Cadastral Surveys,
- Remote sensing using satellite Imagery.
- Using GIS techniques to carry out Geo-processing and Spatial analysis.
- Digitization of hard copy maps using CAD software's.
- Preparation of Plans and Maps.

Industrial Training (Internship).

April 2016 – Aug 2016

Surveyor Assistant and GIS Analyst Federal Capital Development Authority Garki, Abuja.

- Carrying out Cadastral Surveys,
- Carrying out Cadastral Surveys including Perimeter Surveys
- Setting out of Plots from a Layout plan using survey equipment's.
- Using GIS techniques to carry out Geo-processing and Spatial analysis.
- Remote Sensing using Satellite Imagery.

VOLUNTEER / LEADERSHIP EXPERIENCE

- Facilitator and Resource Person at the Ilorin Digital Summit Training/Seminar 2019
- President of the Environmental Protection and Sanitation Community Development Service Group Ilorin 2018 – 2019
- NYSC Press Collaborator 2018 – 2019
- Team Leader, FMN Rice Farm Survey 2018
- Zonal President, CSF 2016 - 2018
- Campus President, CSF FUTMINNA 2013 - 2016
- Assistant General Secretary, Nigerian Institution of Surveying and Geoinformatics Students 2014

EDUCATION

Master of Science: Geography and Data Science

Carleton University Ottawa Ontario, Canada. 2023

Graduate Diploma: (Health, Safety and Environment)

Chartered Institute of Environmental Health and Safety. May 2019

Bachelor of Technology: (Surveying and Geo-informatics)

Second Class Upper Division Sept 2012 – Nov 2017
Federal University of Technology Minna, Niger State.

O' Level Certificate (Secondary School)

Calvary Arrows College Gboko, Benue State. Sept 2005 – July 2011