Mr Apeh Enema Oluwatobi

Geospatial Data Analyst

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📍 No 4, Oasis street Phase 4 Army Housing Estate, Kurudu, Abuja   🏴 Nigeria   👤 Male

Profile

A Geospatial enthusiast with a rich history in drone operations, geospatial analysis, and GIS, I am poised to bring my expertise driven by innovation and delivering exceptional results as a self starter with the ability to discharge duties on assigned roles, in line with standard operation and procedures and able to meet set goals, undertake assignment and assure strict compliance with work place rules, health and safety protocols and promoting healthy working habits while assuring workable results and outcome on projects.

Professional Experience

Geospatial Intelligence Data Analyst, *Briech Intelligence Fusion Center*   03/2021 – present
FCT, Nigeria

As a Geospatial Analyst with a strong commitment to addressing cybercrime and security threats, I have played a pivotal role in leading and training interns to harness the power of geospatial technology for enhanced data analysis and the creation of critical maps.

My primary responsibilities have included leveraging geospatial tools and techniques to identify, assess, and mitigate security vulnerabilities. I've not only utilized my expertise to develop innovative maps and data visualizations but also dedicated my efforts to impart this knowledge to interns, facilitating their growth and knowledge of remote sensing.

My achievements in this role include:

- Intern Training: I have trained a cohort of interns in the field of geospatial analysis and mapping techniques, equipping them with the skills needed to contribute effectively to our mission of countering cybercrime and security threats.
- Map Development: I have been instrumental in creating a variety of maps that have proven invaluable in understanding and visualizing security threats and vulnerabilities, aiding decision-makers in crafting proactive strategies.
- Data Analysis: My adept data analysis skills have allowed us to identify patterns, trends, and anomalies in security data, which has led to the enhancement of our threat detection and response mechanisms.
- Collaboration: Through my guidance and leadership, I have fostered collaboration among interns and colleagues, resulting in a more cohesive and efficient team dedicated to our mission of cybersecurity.
- Problem Solving: I have demonstrated an ability to solve complex spatial problems related to cyber threats, leveraging geospatial data to provide innovative solutions and recommendations to improve our security posture.

Drone Pilot, *Briech Intelligence Fusion Center*   05/2023 – 08/2023
FCT, Nigeria

As a Drone Pilot Team Leader responsible for oilrig surveillance, my role involves overseeing the safe and efficient operation of unmanned aerial vehicles (UAVs) for monitoring and securing offshore oil rigs. My primary responsibilities include coordinating flight schedules, ensuring compliance with safety regulations, and optimizing drone missions for effective surveillance.

Geospatial Analyst, *Briech Intelligence Fusion Center* 02/2023 – 03/2023
FCT, Abuja, Nigeria

As a Geospatial Analyst tasked with utilizing drones to gather spatial data of a pipeline area and visualizing it on a map, my role has been instrumental in enhancing data collection and visualization processes. Some key achievements include:

- Efficient Data Collection: I have successfully deployed drones to collect high resolution imagery and spatial data of pipeline areas, significantly reducing the time and resources required for traditional data collection methods.
- Data Accuracy: Through precise drone technology and data processing techniques, I have ensured the accuracy and quality of the spatial data, minimizing errors and discrepancies in the pipeline area's assessment.
- Map Visualization: I have created detailed and informative maps, using geospatial tools and software, to represent the collected data. These maps provide a clear visual overview of the pipeline area, enabling stakeholders to make informed decisions

GIS Technician, *Briech Intelligence Fusion Center* 02/2023 – 02/2023
FCT, Abuja, Nigeria

- Consulted by the Nigerian Civil Defense Corp, trained its members empowering them with map knowledge and data collection techniques.

- contributed effectively with the team enhancing GIS proficiency within the organization.

Geospatial Analyst, *Briech Intelligence Fusion Center* 11/2022 – 12/2022
FCT, Nigeria

- As a mapping specialist, consulted to design detailed maps for the Defense Space Agency, delineating local government boundaries across Nigeria.
- Collaborated effectively with the team to create comprehensive and accurate maps.

Lead Surveillance Drone Pilot, *Briech Intelligence Fusion Center* 08/2022 – 10/2022
FCT, Nigeria

As drone pilot with major field experience, my role included

- Specialized intelligence gathering, delivering critical coordinates to ground troops during military missions
- Conducted aerial inspection, capturing high-resolution images of oil spillage areas with the use of satellite imageries to bolster data accuracy in realtime.

With the aid of the Matrice 300rtk, I successfully created 3D models of the affected regions, contributing to environmental remediation efforts.

Geospatial Analyst, *Geoinfotech* 03/2022 – 04/2022
Osogbo, Nigeria

- Digitized an entire state, leveraging advanced GIS and drone technology to complete the task efficiently.
- Ensured the accuracy and quality of digitized data.

Drone Pilot, *Briech Intelligence Fusion Center* 02/2022 – 02/2022
FCT, Nigeria

- Trained staff members in drone operations, covering essential skills, safety protocols, and effective surveillance techniques.
- Facilitated the development of a skilled drone pilot team.

Education

B.sc Statistics, *Kogi State University* 2015 – 2019
Lokoja, Nigeria

Skills

GIS DESKTOP: ArcGis pro, Qgis, BlenderGis

Remote Sensing

Drone Pilot

Programming(kotlin, Css, Html, Python)

Physical Fitness

Time management

Team Leadership

Mapping

Data Visualization

Photogammetry

Heavy Equipment Operator

Ethical Standards

Communication skills

## Languages

- English
- Yoruba

Certificates

- Esri : Cartography
- Esri : Going Places with Spatial Analysis

Projects

Maidiuguri, *The Vast Land Of The North* ⬈   08/2023 – 08/2023
This is an environmental Project showcasing the potential threat innovations pose
to wildlife and agriculture in general.

Courses

Transform AEC Projects with GIS and BIM,, *ESRI*   10/2022 – 10/2022
                                                                                        FCT, Nigeria

Cartography, *ESRI*   03/2022 – 04/2022
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