**CHIGOZIE CHUKWUEMEKA INNOCENT  
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### **Professional Summary:**

A recent Geophysics graduate with a strong interest in seismic interpretation and processing, petrophysical analysis, and subsurface evaluation for hydrocarbon exploration. Familiar with industry-relevant tools such as Petrel, HRS, AND IP2WIN, and experienced in field data acquisition, electrical resistivity surveys, and technical reporting. Eager to contribute strong analytical skills and a practical understanding of geophysical methods in a challenging role within the oil and gas sector.

### **Key Skills:**

* Seismic data processing and interpretation
* Petrophysical analysis
* Electrical resistivity surveying
* Engineering geophysics
* GIS and spatial data analysis
* Software: Petrel, HRS, IP2WIN, ArcGIS, MS Office
* Technical reporting and data presentation
* Team collaboration and fieldwork readiness

### **Professional Experience:**

#### **Exxom-mobil workstation Geological Department, NAU AWKA 2023**

* Interpreted 2D/3D seismic data using petrel software for subsurface analysis.
* Identified key stratigraphic horizons and structural features relevant to hydrocarbon exploration.
* Generated time and depth structure maps, seismic cross-sections, and faults interpretations
* Performed seismic-to-well tie for improved accuracy in subsurface correlation
* Collaborated with a team of geoscience students and supervisors to present interpretation results. Gained practical exposure to exploration workflows and geological modeling in the oil and gas context.

#### **Dr Chinwuko's Drills**

#### **Electrical Resistivity surveys 2022-2024**

* Determine the distribution of electrical resistivity of different lithologies with respect to depth.
* To identify the aquifer’s hydraulic properties (porosity, permeability) based on resistivity value.
* Determine the depth of borehole in the area
* To investigate the aquifer thickness of the area

### **Education:**

**Bachelor of Science in Applied Geophysics**Nnamdi Azikiwe University, Awka. June 2021 – September 2024

*Relevant courses*: Seismic Methods, Reservoir Geophysics, Petrophysical Analysis, Electrical Resistivity Methods, Structural Geology, Environmental Geophysics.

### **Certifications:**

* BSc. Applied Geophysics – Nnamdi Azikwe University – 2025
* Geoscience Field Campaign – Geomagic Research Group – 2023
* Basic Petrophysical Analysis Modules – YP NAPE Technical Workshop – 2024

**Associations:**

I'm an active member of the following professional associations listed below;

* Nigerian Association of Petroleum Explorationists - NAPE
* Society of Exploration Geophysicists - SEG
* Nigeria Mining and Geosciences Society – NMGS

**Field/Projects Experience:**

I have done several projects during my stay as an undergraduate, they include;

**Reservoir Prospect Analysis Using Seismic Inversion in Burutu Field Onshore Niger Delta, Nigeria.**

* To transform seismic reflection data into a quantitative rock property, descriptive of the reservoir
* define the hydrocarbon, water saturation and lithology of zones
* determine the bypass hydrocarbon

**Geology, stratigraphy and structural evolution of afikpo and environs, ebonyi**

* Getting the strike and dip of outcrop structures found
* Texture, sorting, color and grain size identify

**Using electrical Resistivity to investigate for groundwater, ebenebe Anambra**

* Identify groundwater zones
* Identify types of lithology found in the area
* Studied the structural evidence presents.

**REFERENCES:**

Available on request