

# OBOT ANTHONY EDET

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## EDUCATION

**University of Uyo, Uyo.**

**Akwa Ibom State, Nigeria.**

Bachelor of Engineering (B.Eng), Petroleum Engineering.

October 2019 - July 2026

**Grade:** 4.39/5.00

**Thesis:** Predictive Model For Early Detection Of Flow Assurance Problems In Oil And Gas Production Using Artificial Neural Network.

**Relevant Coursework:** Reservoir Engineering, Production Engineering, Drilling Engineering, Reservoir Modelling and Simulation, Enhanced Oil Recovery, Engineering Law and Management, Petroleum Refining Engineering, Natural Gas Processing, Petroleum Product Transport and Storage, Offshore Operations Engineering, Petroleum Economics, Multiple Phase Flow in Pipes, Engineering Mathematics.

## RESEARCH INTEREST

Flow Assurance Technologies, Reservoir Characterization, Production Optimization, Data Science and Machine Learning, Internet of Things (IOT), Big Data Analytics, Renewable Energy Technologies, Sustainable Energy Systems, Clean Energy Solutions.

## PROFESSIONAL DEVELOPMENT/CERTIFICATIONS

**Edvantage Learning -Certified ISO 9001 (Production Analysis and Nodal Analysis with Python and Machine Learning).**

August, 2025

- Gaining practical experience in production data analysis using Python (Pandas, NumPy, Matplotlib, Scikit-learn) for decline curve analysis (exponential, harmonic, hyperbolic).
- Implemented machine learning algorithms (regression, forecasting models) for predicting well performance and production trends.
- Applied nodal analysis techniques (IPR vs. VLP) with Python-based modeling to determine optimal production rates.
- Strengthened ability to integrate engineering fundamentals with data-driven approaches for production optimization and decision-making.

**Edvantage Learning -Certified ISO 9001 (“Advanced Python for Reservoir, Production and Petrophysics”).**

August, 2025

- Developed Python scripts to model and analyze reservoir, production, and petrophysical data for engineering decision-making.
- Performed data preprocessing, cleaning, and statistical analysis of well log, core, and production datasets using Pandas and NumPy.
- Implemented petrophysical calculations (porosity, water saturation, permeability correlations) with Python automation.
- Built production forecasting models by integrating decline curve analysis, material balance, and machine learning methods.
- Used Matplotlib, Seaborn, and Plotly for visualization of well performance, reservoir characteristics, and petrophysical trends.

## **Petrodecision -iTest, Well Test Interpretation Training.** June, 2023

- Completed specialized training in well testing and reservoir engineering using iTest, Petrodecision's next-generation well test interpretation software.
- Applying the iTest software for pressure transient analysis (PTA) including drawdown, buildup, and interference tests.
- Strengthened ability to integrate well test interpretation with production analysis for optimized reservoir management.
- Gained practical experience in designing, processing, managing, and sharing well test data.

## **WORK EXPERIENCE**

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### **Schlumberger(SLB) Oilfield Services Company, Port Harcourt, Nigeria**

#### **Reservoir Performance Evaluation Intern**

Feb 2024 - Aug 2024

- Assisted in the routine maintenance and servicing of various tools used in wireline operations.
- Involved in assembling tool strings at the shop floor, calibrating equipment and performing telemetry checks.
- Participated in knowledge-sharing sessions where experienced engineers, technicians and my fellow interns discussed the applications and functionality of different tools, along with industry best practices.

### **Public Relation Officer at VEX ACADEMY**

Mar 2020- Aug 2021

- Actively involved in the developing and implementing of PR strategies to achieve the academy goals and objectives.
- Ensured that a good communication and representation existed between the academy, customers, students and public.
- Was involved in effectively handling the academy's social media accounts.

### **Computer Operator**

#### **Akwa Ibom State College of Health Technology, Etinan.**

Sept 2018- Feb 2020

- Provided technical support to the Provost, including troubleshooting IT issues, managing digital resources, and ensuring smooth computer operations.
- Assisted in the Exams Unit with data entry, results processing, and maintaining accurate academic records, contributing to the efficiency and integrity of examination processes.

## **RELEVANT SKILLS AND COMPETENCES**

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- Research and Analysis: Skilled in energy trend analysis and interpreting country-level data.
- Front-end Web Development: With competencies in JavaScript/Python Programming, HTML and CSS
- Communication Skill
- Leadership/Volunteering Skills: Collaborative leader focused on peace-building and teamwork
  - Decision/Problem Solving Skills
  - Organizational/Time Management Skills
  - Computer/Technical Skills(Coding Skills)
  - Microsoft Office: (Ms Word, Ms, Excel and Ms Power Point)

## LEADERSHIP/VOLUNTEERING EXPERIENCE

<b>Faculty President</b> Nigerian Universities Engineering Students' Association(NUESA),University of Uyo	2024-2025
<b>President</b> Society of Petroleum Engineers (SPE), University of Uyo Chapter	2022-2023
<b>Social Director</b> Society of Petroleum Engineers, University of Uyo Chapter	2021-2022
<b>Class Representative</b> Department of Petroleum Engineering, University of Uyo	2019-2022

## AWARDS AND RECOGNITION

- During my tenure as the President of Society of Petroleum Engineers, University of Uyo Chapter won the **SPE International 2023 Student Chapter Excellence Award.**
- During my tenure as the Social Director of Society of Petroleum Engineers, University of Uyo Chapter won the **SPE International 2022 Student Chapter Excellence Award.**
- Best Class Representative in the University of Uyo, Uyo-2020/2021 Academic Session
- Certificate of Recognition as Chapter President from SPE International
- Pinnacle of Service Award as Director of Socials/Sports from SPE University of Uyo
- Meritorious Award as Chapter President from SPE University of Uyo

## HOBBIES

Reading, Public Speaking, Volunteerring, Research Writing, Coding and Swimming

## PROFESSIONAL ORGANIZATIONS:

- Member Society of Petroleum Engineers (SPE)
- Member American Society of Mechanical Engineers (AMSE)
- Member Nigerian Universities Engineering Student s' Association (NUESA)
- Member Girl-Up Foundation- Uyo Community

## EXTRACURRICULAR ACTIVITIES:

- Volunteer with the Nigerian Institute of Safety Engineers
- Community Service Projects: Market Clean Us, Plastic Recycling Awareness Campaigns and Orphanage Visits

## Referees:

### 1. Dr. Julius U. Akpabio

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### 2. Eld. David Udo

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