

EMMANUEL IHEANYICHUKWU EZEAGU

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RESEARCH INTEREST

- Machine Learning
- Artificial Intelligence
- Energy
- Environment
- Flow through Porous Media

EDUCATION

B.ENG University of Calabar, Nigeria, Petroleum Engineering.202x
Second Class division (..... / 5.0)
Thesis:
Advisor:

RESEARCH EXPERIENCE

UNDERGRADUATE STUDENT

University of Calabar, Calabar, Nigeria. 3rd Year (3/5) 2022
Instructor Name: Engr. J. U. OBOT and Engr. CELESTINE UDIE

- Measurement of Mud Density or Mud Weight
- Measurement of Drilling Mud Viscosity (Marsh Funnel)
- Measurement of Plastic Viscosity and Yield Value (Fann VG)
- Gel Strength Measurement
- Measurement of Filtration Properties of a Drilling Fluid
- Measurement of Sand Content
- Wrote a report that contained the aim/objectives, materials and apparatus used, introduction, procedures, results and conclusion of each research carried out.

TEACHING EXPERIENCE

DOETH COLLEGE, Ikorodu, Lagos State, Nigeria. May 2022 - July 2022

FULL TIME TEACHER: Science Subjects

- Teaching and Grading of Senior Secondary School 1 and 2 Physics and Mathematics respectively
- Teacher in charge of sporting activities
- Assisted the teacher of Junior Secondary School 3 in preparing the student for their upcoming state exams into Senior Secondary school 1.
- Monitored morning Assembly and explained weekly topic that cultivate good manners in them.

GRAETMIND SCHOOL, Ikorodu, Lagos State, Nigeria.

Sept. 2021 – Dec. 2021

FULL TIME TEACHER: Science Subjects

- Teacher in charge of sporting activities.
- Taught the Junior Secondary School 1, 2, and 3 Basic Science and Agriculture.
- Taught the Senior Secondary School 1 and 2 Agricultural Science.
- Held free tutorial for the secondary school 1 and 2 on Further Mathematics.

CAROFAM COLLEGE, Ikorodu, Lagos State, Nigeria.

Sept. 2020 – Jan. 2021

FULL TIME TEACHER: Science Subjects

- Private tutorial for 4 students on Physics, chemistry and Mathematics respectively.
- Teacher in charge of sporting activities.
- Coached the football team against an inter-school match.
- Held paid tutorials every Saturdays in science courses for those interested

PRESENTATIONS

- Presented a paper to a panel titled “Gas chromatograph (with all support gases such as hydrogen, air and helium) for liquid analysis” used as an alternative of third year internship.

PROFESSIONAL DEVELOPMENT TRAINING

CERTIFICATIONS

- Programming for Everybody, University of Michigan by DR. Charles Russell Severance;
Coursera August 2022- October 2022
- Python 3 programming, University of Michigan by Paul Resnick, Steve Oney and
Christopher Brooks; Coursera Nov 2022 - Dec 2022

SEMINARS/ WEBINARS

- Free online webinar on “AI-Based (Top-Down) Reservoir Simulation and Modeling” by
Prof. Shahab D. Mohaghegh, Ph.D. AUGUST 24TH 2022
- Free online webinar on “Reservoir
Engineering Using Excel” by Dr. M. Prince 28TH & 29TH JANUARY 2023

PROFESSIONAL AFFILIATIONS

Member, Society of Petroleum Engineers (SPE)	2023 - present
Member, Nigerian Institution of Petroleum Engineers (NIPetE)	2022 – present

VOLUNTEER AND COMMUNITY SERVICE

Catholic Legion of Mary	2019 - present
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- Carry out my weekly work obligation at Infant Jesus Orphanage Home, Bateba, Calabar.
- Hospital Visitation at General Hospital, Mary

LANGUAGES

English: Native Language, Listening, Speaking, Reading, and Writing.

SKILLS

Technical Skills

- PYTHON

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- HTML

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- CSS

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- JAVASCRIPT

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