

VICTOR AWOSIJI

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Key Skills: Learning quickly, thinking deeply, coordinating with teammates, executing effectively, inventing new strategies/ technologies.

EDUCATION

Stanford University , Ph.D. in Earth and Planetary Sciences	Fall 2023- Till date.
Stanford University , M.Sc. in Earth and Planetary Sciences	Fall 2021 – Spring 2023
Federal University of Technology, Akure , B.Sc. in Applied Geology	2015- 2019

PROFESSIONAL EXPERIENCE

Aramco Americas Geoscience Innovation Intern	June – September 2023 Houston, Texas
<ul style="list-style-type: none">Developed technology for Natural Hydrogen exploration in the Red Sea Arabian margin.Pioneered the first exploration technique for natural hydrogen, for Aramco in the USA and Saudi Arabia.	

Stanford Earth and Planetary Sciences Research Assistant	January 2022 – January 2023 Stanford, California
<ul style="list-style-type: none">Led research and discussions in Hydrogen exploration sampling campaign in Western CaliforniaOrganized lab meetings, annual general meeting, and field trips	

Stanford Earth and Planetary Sciences Teaching Assistant	April 2022 – July 2022 Stanford, California
<ul style="list-style-type: none">Coordinated grading and led weekly discussions on the fundamental topics in Geology.Taught weekly lab session on introduction to Geology for undergraduate students.	

Total Energies Geoscience Intern	September 2018 – February 2019 Lagos, Nigeria
<ul style="list-style-type: none">Created drilling database for 5 exploratory and 35 injector/producer wells using SQLite Python library.Integrated reservoir characterization and uncertainty analysis of turbidite reservoirs of the Egina field, offshore Niger Delta (475km²).Worked as a well site Geologist Followed up the drilling of a producer well (J-type) on the reservoir offshore.	

Academic Achievements (Of 20+)

- McGee and Levorsen Fellowship, 2023
- American Association of Petroleum Geologists grant in Aid award, 2023.
- Geological Society of America Graduate Research Grant, 2023
- Publication on Natural Hydrogen, 2023. DOI: <https://doi.org/10.1016/j.ijhydene.2023.09.032>
- I-scholar Initiative award to top Nigerian undergraduates
- 2nd runner up, IPTC education week in Saudi Arabia, January 2020.
- University Honors (Dean's List), 2015-2019

Leadership Experience

- Graduate Student Advisory Council, SDSS, Stanford University September 2022 – Till date.
 - Serve as a conduit between students in Earth and Planetary Science (EPS) and the dean of school of sustainability. In this role, I made sure a long-standing problem for a software students need was finally provided earlier this year, at no cost to the students.
 - Account for and supervise discussions held with the dean. And as the General secretary, I keep record and approve of all activities and financial accounts of student groups within the SDSS.
- Young Professional Manager, I-Scholar Initiative (Spring, Texas) 2021- 2022
 - Coordinate the selection and distribution of scholarship funds to underprivileged students in Nigeria.
 - Assists these exceptional scholars who gain these scholarships from Nigeria, in settling down in the United States.
- President, European Association of Geoscientist and Engineers, Local chapter, Nigeria 2019-2020
 - Started the first chapter of this professional association in Nigeria.
 - Won £500 for the student chapter by being the most active student group in the world.
- President, School of Earth and mineral sciences, Federal University of Technology, Akure 2017- 2018
 - Conveyed the first geoscience conference in my university, titled: “Bridging the gap between the classroom and the industry- a way forward in an emerging economy.”
 - Managed 2 million naira internally generated revenue for the student welfarism, renovating of old infrastructures, aid for under privileged students and the organization of seminars and conferences.
 - Oversaw the welfare of over 3000+ students.

SKILLS

- Research Skills
 - Computer Programming (Python- Pandas, Matplotlib, NumPy, Seaborn, SciPy), Geological mapping, Geochemical instrumentation and analysis, Software: Petrel, PetroMod, Adobe suite, MATLAB, scientific thinking.
- Leadership Skills
 - Motivating others, decision making, empathy, effective communication, oration and public speaking, innovation, and confidence.
- Soft Skills
 - Time management, critical thinking, cross-cultural competence, team player, adaptability and an active listener.

Some relevant course work

- Chemical Principles : from molecules to solids (**CHEM31M**), Geochemical Instrumentation (**EPS 231**), Experimental Rock Physics (**EPS 384**), Fundamentals of Geographic Information system (**ESS 164**), Programming methodology (**CS 106A**), The Spirit of Entrepreneurship (**MS&E 178**), Seismic Reservoir Characterization (**GEOPHYS 241A**), Data Science for Geoscience (**EPS 240**), Depositional Systems (**EPS 258**), Sedimentary Basins (**EPS 251**), Rock-fluid system in the subsurface (**ENERGY 248**)