DAVID DADZIE

Austin, Texas | +1 667 289 8656 | ddadzie340@gmail.com | LinkedIn

SUMMARY

Graduate research assistant and operations intern with hands-on experience in reservoir characterization, data collection, and process optimization. Proficient in Techlog, Eclipse, Python, and MS Office with strong technical communication and documentation skills. Demonstrated ability to collaborate in team meetings and support project tasks. Eager to contribute analytical and organizational strengths to renewable energy initiatives.

EDUCATION

The University of Texas at Austin **Jan 2025 - Present**
Master's, Petroleum and Geosystems Engineering *Austin*
- **GPA:** 3.95

Kwame Nkrumah University of Science Technology **Aug 2019 - Nov 2023**
Bachelor of Science, Petroleum Engineering
- **GPA:** First class honors

Saint Johns Grammar High School
WASSCE Certificate, General Science

HONORS

- **Head of National Science and Math's Quiz Team, and Quarter Finalist of NSMQ**
- **Recipient of Best Graduating Student in Saint John's Grammar School, WASSCE**
- **2nd Place in Council for Scientific and Industrial Research (CSIR), Ghana, 60th Anniversary What do you know quiz:**Ghana Broadcasting Corporation.

EXPERIENCE

Bureau of Economic Geology (BEG) **Jan 2025 - Present**
Graduate Research Assistant *Austin*

Ghana Oil Company (GOIL) **Oct 2022 - Jan 2023**
Operations Intern *Accra*
- Validated volumetric measurements for fuel transport units to ensure data accuracy within specified tolerances.

Finnexx Energy Ghana LTD **Sep 2023 - Oct 2024**
Lubricant Production and Technology trainee *Accra*
- Oversaw the end to end production cycle, from precise additive blending and quality sampling to drum packaging and warehouse logistics.

PROJECTS

Graduate Research Topic | Graduate Research Topic **Jan 2025 - Present**
Bureau of Economic Geology
- Inter-well connectivity assessment in the Katz Strawn field using the Capacitance resistance model (CRM).

Undergraduate Research Project
- Application of non-intrusive passive acoustic sensing for gas flow rate metering in horizontal flow. With the aid of supervised machine learning, extracted features from acoustic signals recorded from gas flowing through a pipe were used to predict gas flowrates.

Field Development Project
- Applied knowledge acquired from Petrophysics, economics, geophysics, reservoir, drilling and production engineering to develop and determine the viability of an oil field using real world data. "Capstone-Project".

SKILLS

- **Software & Tools**: MS Office, CMG, Techlog, Eclipse, Python optimization, Capacitance Resistance Model, QA/QC, Data Validation, Reservoir Characterization
- **Communication Skills**: Technical Communication, Process Improvement, Research & Development