

OLA MAHER ABASS

TEACHING ASSISTANT

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SUMMARY

Dedicated geophysicist currently serving as a Teaching Assistant at Qena University while pursuing a master's in Applied Geophysics. Passionate about continuous development and self-learning, with a degree in Geophysics from Qena University. Participated in the ESFC 2024 on CCS and AI Amal 16 program, enhancing readiness for industry challenges and highlighting an interest in sustainable energy solutions. Committed to expanding expertise in geophysics and contributing to impactful projects.

EDUCATION

Faculty Of Science – Qena University

Pre-Master Student Sep 2024 - Present
Applied Geophysics

B.Sc. in Geophysics 2020 - 2024
Grade: Excellent with Honors

High School - RED SEA STEM School 2017 - 2020
Completed high school at STEM-focused institution, emphasizing self-learning and the completion of a Capstone project every semester over three years, fostering problem-solving, research skills, and independent thinking.

WORK EXPERIENCE

Faculty Of Science – Qena University

• Teaching Assistant, Geology Department 2025 - Present

TRAINING & INTERNSHIP

AI Amal program Aug 2024 - Dec 2024

- Pre-AI Amal Online Sessions**
Completed a Five-Week preparatory online phase covering many topics related to the Oil & Gas Industry.
- Field Camp at Al-Masallat Observatory, El-Fayoum**
Applied four geophysical methods (seismic refraction, magnetic, GPR, and electrical).
Delivered a group presentation on our findings.
- Shell Nxplorers Pro Workshop**
Participated in a three-day workshop focusing on systematic thinking and innovative problem-solving approaches to address complex challenges.
- Scenario Planning Workshop**
Participated in a workshop focused on strategic scenario planning, enhancing skills in analyzing uncertainties and developing adaptable strategies for future challenges.
- Technical Project - South East Meleiha Area Assessment**
Performed a detailed area evaluation, including seismic interpretation, formation evaluation, geochemical analysis, reserves estimation, and risk assessment, providing insights into the geological framework and potential hydrocarbon prospects despite dry well outcomes.
- AI Academy by SLB**
Completed a course on machine learning and deep learning, focusing on their applications in the oil and gas industry.
- English course by Berlitz**

Egypt Student Field Camp 2024

Sep 2024 - Sep 2024

- Performed marine geophysical surveys at Abu Qir Bay, Alexandria, and processed the data at NIOF. Analyzed seismic data at Energean to identify depleted reservoirs for CO2 injection with support and guidance from SLB.

National Research Institute of Astronomy and Geophysics (NRIAG), Helwan

Jul 2023

- Gained hands-on experience in geophysics, covering topics such as geodynamics, seismology, geomagnetic field analysis, and Ground Penetrating Radar (GPR).

Parkville

Sep 2021

- Online Digital Marketing Training

Zewail City

Jul 2021 - Aug 2021

- Hybrid Food Safety Training

YARD VISITS

- Fugro : geotechnical investigation, offshore geophysics, and onshore geophysics
- Halliburton : Sperry, Baroid, wireline, and landmark
- SLB : Wireline Borehole Imaging tools, Processing and Interpretation products
- Energean : Analyzed seismic data to identify depleted reservoirs for CO2 injection

VOLUNTEERING

SEG Symposium on Leveraging Technologies to Unlock Egypt's Energy Potential

28 April 2025 - 30 April 2025

- Supported symposium logistics, registration, and event coordination.
- Assisted with HSE awareness and participant support.

ENACTUS Qena University

2021 - 2024

- Project Managment memeber

SKILLS

Communication Problem Solving
Creativity Presentation Skills
Leadership Collaboration

LANGUAGE

English : Very Good

SOFTWARE

Petrel
Techlog
Petromode
Micrrosoft Office