



Mina Morkos

EXPERIENCE

Research Assistant (TU Clausthal, Germany) March 2017 – March 2021

OCTG Testing Center

Casing, drilling strings, and coil tubing fatigue testing

Laboratory work:

- Core flooding - Micromodel experiments - Rheology analysis

Junior Field Engineer (Weatherford, Egypt) Jul 2014 – Feb 2017

(Exploration & Drilling Department)

The development and implementation of the Project Quality Plan.

Development of Inspection & Test Plans in conjunction with Site Engineers.

Ensuring implementation of I&T Plans and production of Quality Records.

Management and Coordination of testing.

Calibration/control of site instruments.

Preparation of testing summary reports for client

Manage and Co-ordinate the production of handover documentation to the client.

Software used: Petrolog (Weatherford), Geolog (paradigm), Techlog (SLB) **Drilling:** Well design, Casing design, Mud program, Cementing, monitor drilling operations.

Software used: Well-View (peloton). Drill-bench (Slb), Landmark (Halliburton)

Trainee at Agiba Petroleum Company (Egypt) 2013 (3 Months)

Exploration Geophysics training course, prepare daily reports, follow up drilling operations, describe the samples.

Summer Engineering Intern BG Rashpetco (BG, Egypt) 2013 (3 Months)

Production, support of the workover operations team, Sucker Rod Pump Maintenance, flow modeling using IPM software.

Intern North Sinai Petroleum Company (NOSPCO, Egypt) 2013 (3 Months)

Office Based training using softwares like Petrel, Mbal, Eclipse.

EDUCATION

M.Sc. Petroleum Engineering (Drilling/Production)

Clausthal University of Technology (Germany) | 2021

Cumulative Grade according to German Grading system (1.8) / GPA 3.3 (US)

Thesis Submission 02/2021, Thesis objective : determine pre- drill geothermal power for new geothermal projects (Simulation software)

B.Sc. Petroleum Engineering

(Petroleum Exploration and Production Engineering)

Suez University (Suez, Egypt) | 2009-2014 US Grading system (2.97/4)

Overall Grade: Very good (Medium of Instruction English)

Thesis Grade: Excellent "Study of Raml Field"

Regular duration of Bachelor of Science in Egypt (5 years, 10 semesters)

Project included a reservoir simulation model

An economical comparison between several enhanced oil recovery methods

GCE (AS-Level, A-Level) Mathematics, Physics, Chemistry ,

Computer Science, ICT (Overall Grade: A)

University of Cambridge(Cambridge, UK)| 2006-2009

LANGUAGES

Arabic	Native
English	V.Good
German	Good (B2)
French	Basic

COMPUTER

MS Office	Techlog
Petrel	Geolog
MBAL	Eclispse
Adobe CS	AutographPC
Prosper	Drill-bench (Slb)
Pipesim (Slb)	Petrolog
OLGA Simulator (Slb)	
IPM (Petex)	

PROFILE

Enthusiastic and energetic graduate with strong skills in innovation, implementation of concepts, and tying ideas together vetting opportunities and adding value.

I am always welcoming challenges with strong analytical and fast learning abilities through "out of the box" thinking.

SKILLS

Team Work	●●●●
Organisation	●●●●●●
Strategy	●●●●
Presentation	●●●●●●
Planning	●●●●

INTERESTS

football, cooking, chess, photography, exploring new places, knowing new cultures, travelling

Extra Curricular Activities

1. **Volunteer**, "Children in Danger" Committee at "Caritas" I contributed in preparing for children trips and games.
2. **Active member** at "Youth for United World, Cairo"
I participated in talk-shows and public meetings discussing the determination of youth to reach to a united world, regardless of colors, religions, and backgrounds.
3. **Participant** in "Cross Acting Team"
We used to deliver the most important social cultural ideas through acting and plays.
4. **Active member** in "online publicity and media committee", SPE Suez University Student Chapter
My role is to make the design for new events using photoshop and present the outcomes through online services, publications, and meetings.
5. Resala charity work, [Alexandria, Egypt]
I am an **organizer** who collects money from the members, and buy the clothes and food needed for those people to support their needs.
6. **Active Member** at IYDA (Intercultural Youth Dialogue Association). The association main theme to develop dialogue between youth with different nationalities to deliver the idea of acceptance and promote peace.

Academic Awards

- 1 I got awarded a certificate from Experiment in international living in Bonn, Germany, regarding accomplishment Summer School in Renewable Energies in Germany 2014.
2. Certificate from society of petroleum Engineers (SPE) in 2011, regarding my great efforts as a Head for Media Committee.
3. Certificate from China University of Petroleum in Beijing, for achieving a Third prize in National Petroleum Design Competition [NPEDC].
4. Certificate from Future Petroleum Engineers Conference which took place in Beijing, China for excellent presentation Skills.
5. Certificate of Appreciation awarded by SHELL, at the National Conference "Power Up" organized by SPE Cairo University Student Chapter.