

Riwa Harb

Riyadh– Saudi Arabia

+966 583112354|

Rewaharb98@gmail.com

OBJECTIVES:

Seeking for an opportunity to prove and develop my skills within a challenging environment and assure the accomplishments of the minimum required tasks; reaching higher position level where I can support and involve my studies and experience needed and achieve the success needed in the field with the ability to travel and work with teamwork and under pressure.

EDUCATION:

Bachelor of Engineering in Petroleum Engineering **2019–2023**

Beirut Arab University, Lebanon

Lebanese Baccalaureate (LIFE SCIENCE), LYCEE PASCALE, Lebanon **2018-2019**

Graduated with distinction.

WORK EXPERIENCE:

SIBLINE Cement Factory **December 2023 - May 2025**

- Conducted quality control and laboratory tests on aggregates and concrete, overseeing the entire process from raw material selection and mix design to concrete production and performance evaluation.
- Trained in cement manufacturing, with liabilities including quality control, water treatment, instrumentation, automation, fluid flow operation, and heat recovery.
- Laboratory tests on petcock and steam coal and on the raw materials, clinker, concrete and cement.

DRILL SIM 20- Internship **February 2022 – March 2022**

DRILL SIM 20: Portable Drilling and Well Control Simulator – Beirut Arab University

- Attended daily training sessions offered by the petroleum and chemical department.
- Managed to know how to execute a forward mud circulation which is the most used circulation regime during the field drilling operations.
- Acquired skill in reacting to any kick or blowout incident that may take place while drilling to avoid a major catastrophe.
- Gained knowledge of how to implement a reverse mud circulation which serves as a solution for excessive wellbore debris. Acquired an understanding of how to carry out a leak-off test and how to use the data obtained from such test to discover the maximum allowable annular surface pressure.

PRIVATE TUTOR, HOME & ONLINE TUTOR/ Beirut-Lebanon **January 2020 - July 2022**

CERTIFICATES:

- Certificate of attendance in Essentials of ISO 9001 Implementation Training
- Certificate of completion: Mastering ISO 9001: 2015 – Quality Management System- Accredited – Udemy
- Certificate of completion: ISO 14001: 2015 – Environmental Management System – Udemy
- Certificate of completion: ISO 45001, Occupational Health and Safety management system - Udemy
- Certificate of completion “DrillSim20 training”- Levels 1 and 2
- IC3 Digital Literacy Certification
- Certificate in “Effective problem-solving and Decision-Making “course.
- Certificate in “Intro to Robotics”
- Certificate in “Artificial Advantage: The Future is Intelligent”

SKILLS:

- Excellent verbal and written communication skills,
- Proficiency with Microsoft Office Software (Word, Excel, PowerPoint)
- Confidence and Self-motivation
- Teamwork, interpersonal, Time management and problem-solving skills enhanced by club involvement inside and outside university.
- Schlumberger Eclipse
- Schlumberger PIPESIM
- Kappa Software.

LANGUAGES:

- English-Professional working Proficiency
- French-Elementary Proficiency
- Arabic-Native or Bilingual Proficiency

PROJECTS:

- Senior Project: Optimization of Hydraulic Fracturing: Experimenting Corn Fibers as a Novel Proppant Flowback Solution and Numerically Enhancing the Fracturing Stage.
- Mini Projects: Geology Rocks, Natural Gas, Petroleum Refining Operations, Feasibility Study...

REFERENCE:

Available upon request.