



Raya Achkar

Petroleum Engineer

Industrious individual adept at drilling, reservoir, project planning, and production operations. Highly skilled in utilising geology and fluid mechanics to determine location and volume of oil and gas in reservoirs. Experienced in project management, cost control and optimization, risk management, and performance improvement.

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📍 Beit Chabeb, Mount-Lebanon, Lebanon

EDUCATION

Bachelor of Petroleum Engineering

Lebanese American University

09/2014 – 06/2019

Byblos, Lebanon

WORK EXPERIENCE

Project Engineer

Pontus Petroleum

12/2019 – 05/2020

Oil & Gas Services

Lebanon

Achievements/Tasks

- Analysing tenders for projects involving Lebanon's energy and oil & gas sectors.
- Handling tender related documents for projects such as the MGO tender issued by Total and the diesel oil tender issued by the Ministry of Energy and Water.
- Delivering workshops of the PEARSON certified course "Fundamental of the Oil and Gas Industry" for City University – Tripoli.
- Conduct a study on legal and technical requirements for future Explorations Onshore Lebanon

Prospect Maturation Engineer under Total France's supervision

Lebanese Petroleum Administration

06/2018 – 09/2018

Lebanon

Achievements/Tasks

- Seismic interpretation of a new offshore block in Lebanon followed by prospect identification on Petrel.
- Got acquainted with the regional geology, built a model, and placed the required exploratory wells.
- Built a model and place the required exploratory wells in order to estimate the approximate original gas in place and recoverable amounts in our area of interest.

Engineering & Procurement Intern

Van Leeuwen Pipe & Tube

06/2017 – 09/2017

Jebel Ali, Dubai, UAE

Achievements/Tasks

- Providing customized pipe and tube products and services using a worldwide network of stock-keeping branches
- Suggested a workflow methodology and process improvements for the company, which is now adopted.
- Gained knowledge in sourcing, project management, procurement, logistics, stock planning, CRM, and work files.

SKILLS

Project Management



Microsoft Office



Well Testing & Logging



Petrel, Kappa, AutoCAD



Python, SQL, Infinite



Communication, Reporting, Presentation



Drilling Engineering



RESEARCH EXPERIENCE

Legal and Technical Requirements for future Explorations Onshore Lebanon. (02/2020 – 05/2020)

Comprehensive Analysis on the Effect of Bentonite and CMC on the Properties of a Water Based Drilling Fluid. (01/2019 – 05/2019)

Oil Shale in Green River Formation: Geology, Formation Characteristics, Production Techniques and Improvements. (02/2018 – 05/2018)

CERTIFICATES

Level 1 International Well Control Forum (IWCF) (05/2020 – 06/2020)

Energy, Environment, and Everyday Life; University Of Illinois at Urbana-Champaign Online Courses (08/2019 – 10/2019)

Politics and Economics of International Energy; Sciences Pro; Coursera Online Courses (08/2019 – 10/2019)

Advanced Excel, Go Skills (06/2017 – 09/2017)

LANGUAGES

Arabic



English



French

