

# **Farah Koussan**

## **Petroleum Engineer**

Khaldeh boulevard, Jurdi building, third floor, Beirut

Mobile: 0096170005352

Email: [farah.koussan@gmail.com](mailto:farah.koussan@gmail.com)

## **PROFESSIONAL PROFILE**

- ❖ Professional MSc graduate with outstanding qualifications and knowledge in petroleum geology and engineering, reservoir characterization, reservoir modelling and simulation, well engineering, and petroleum economics gained in a diverse range of environments.

## **PROFESSIONAL ACHIEVEMENTS**

- ❖ Master's Degree in Petroleum and Gas Engineering (in progress), BSc in Petroleum Studies.
- ❖ Dean's Honour list recognition for distinctive performance during my Bachelor's degree
- ❖ Received a certificate of achievement from MOOC Oil and Gas supported by Total for completing an online course related to the upstream – midstream and downstream sectors of petroleum engineering
- ❖ Took part in several lab experiments while assisting my professors in research during my undergraduate degree
- ❖ Helped in organizing several events at the university some of which were working with student body and others were with the administration

## **SKILLS**

- ❖ Reservoir Characterization
- ❖ Compositional and Black Oil Simulation
- ❖ FDP, EOR and Waterflood Optimization
- ❖ Knowledge of unconventional reservoirs
- ❖ Structural Geology and Stratigraphy
- ❖ Risk analysis
- ❖ Team work skills as I had to work in groups in all my studies
- ❖ Ability to work in a diverse community and adapt well

## **EDUCATION**

- 2018 : M.Sc. in Petroleum and Gas Engineering  
University of Portsmouth, UK  
Title: Water Injection Conformances in Poro-Elastic and Thermo-Elastic Reservoir Rocks
- 2017 : B.Sc. in Petroleum Studies  
American University of Beirut (AUB)  
Title: Accurate Mapping of the Laqlouq Geographic Area (Lebanon)

## **SELECTED RESERVOIR MODELING AND SIMULATION ACTIVITIES**

- ❖ Project with PETREL on Modeling Well Path Trajectory
- ❖ Waterflooding and Geomechanics using ECLIPSE

## **COMPUTER AND PROFESSIONAL SKILLS**

- ❖ Kappa, Petrel, PROSPER and ECLIPSE software
- ❖ Microsoft Office tools: Microsoft Word, Excel, Power Point, Outlook
- ❖ Adobe Photoshop: Photo editing, Graphics Designing

## **LANGUAGES**

- ❖ Native: Arabic
- ❖ Fluent in English
- ❖ Beginner in French

## **EXTRACURRICULAR ACTIVITIES**

- ❖ Member of Society of Petroleum Engineering (SPE) and Energy Institute where I regularly attended their meetings to enhance industry knowledge and network with engineering professionals.
- ❖ Member of American Association of Petroleum Geologists (AAPG).