

## PERSONAL INFORMATION

## Ayham Mhanna



📍 Bld București nr 39, 100680 Ploiesti (Romania)  
☎️ 0040730536528  
✉️ mhanna.ayham@hotmail.com  
💬 [Skype ayham.mhanna.mhanna](#)  
Sex Male | Nationality Lebanese

## PERSONAL SUMMARY

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**Awarded 2 MSc's Petroleum and Gas Engineering, ready to channel an impressive academic background in Oil and Gas sector Seeking for a challenging position as offshore drilling engineer or in production field. I have developed knowledge and experience in drilling, refining, production, and pipeline engineering, while undertaking studies across all aspects of the upstream, downstream, and midstream sectors. Takes a focused and structured approach, with an analytical and meticulous manner. Recognized as a tenacious self- starter, with the energy and desire to succeed, continually embraces new challenges and thrives in highly pressurized, relishes the opportunity to develop awareness of new and emerging developments within the oil and gas sector.**

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## EDUCATION

PhD / Doctorate Program- Drilling / Petroleum-Gas University of Ploiesti /Romania 2019 – 2022/ scientific leader Prof. Iazar Avram, 2019-Present.

Contributions regarding the optimization of marine drilling in Lebanon zone and implementing new techniques using advanced processes in the oil and gas industry, to ensure oil reserves recovery and production processing enhancement.

Master in oil and gas extraction Petroleum-Gas University of Ploiesti, 2017-2019

- Drilling and exploitation of marine wells
- Oil extraction systems
- Extraction, treatment and storage of natural gas

**Dissertation:** Exploitation of condensed gas

performed simulations using pipesim a Schlumberger program

Master in transport technology, storage and the distribution of hydrocarbons, Petroleum-Gas University of Ploiesti, 2017 -2019

Profession Qualification Certificate, in drilling oil and gas wells, 2017-2018

Profession Qualification Certificate, operator for extraction, treatment for oil & gas wells, 2017-2018

Profession Qualification Certificate, operator for crude oil processing, 2017-2018

Bachelor's in petroleum processing, Petroleum-Gas University of Ploiesti, July 2017

- **Cumulative grade:** GPA (8.5/10)
- **Date of graduation:** July 2017
- **B.Sc. project grade:** GPA (9.37/10)
- **Graduation project:** Complex refining scheme for obtaining ecological gasoline in Lebanon/dimension of the regeneration reaction section of a catalytic cracking (FCC).
- IWCF certificate (international well control forum) level 2 and 4
- Basic Offshore Safety Induction and Emergency Training (BOSIET)
- CA-EBS Initial Deployment Training
- Basic H2S Training
- holding all the courses and certificates to work offshore
- Over 10 Articles about marine drilling with Prof. Iazar Avram (project coordinator of GOPELC Gas and Oil Processing, a European Lebanese Cooperation)

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## SUMMER TRAINING & FIELD EXPERIENCE

- Drilling engineer at GSP Offshore (perform operation in the black sea using jack up rig/ drilling and completion operation in gas well), December 2019-Present

- Train Drilling site engineer at S.C. Dafora S.A. The leading Romanian drilling company, December 2018—February 2020 onshore drilling services for oil, gas, well testing and workover, transport, rig-up/rig-down and maintenance for drilling equipment.
- Rig Floor man at S.C. Dafora S.A. The leading Romanian drilling company, September 2018--. December 2018 onshore drilling services for oil, gas, well testing and workover, transport, rig-up/rig-down and maintenance for drilling equipment
- ROMGAZ, Ploiesti Romania – Internship 4 weeks, 2018  
Extraction of natural gas  
Gas treatment and separation of impurities and H<sub>2</sub>S  
Drying natural gas by Triethylene glycol absorption /glycol regeneration.
- Operator for drilling of wells, SC Estetic Clas S.R.L., Targoviste, Romania, the professional qualification curs represent 480 hours of practical training and 280 hours of theoretical training, 6 months, August 2017 till February 2018  
Developed skills and gained practical experience in intricate well operations including logging, casing, cementing
- Operator for crude oil and petrochemical processing industry, ACCR (Association for Counselling, Qualification and Retraining), Ploiesti, Romania, 6 months, September 2017 till February 2018
- Operator for extraction, treatment, oil and gas transportation, Estetic clas, Targoviste, Romania, well instruments, intervention and repair of gas wells, transportation and distribution of natural gas, natural gas extraction, 5 months, September 2017 till January 2018
- Petroleum- refining -plant operator, S.C Petrotel Lukoil S.A (Telejan refinery), Ploiesti, Romania, practical and theoretical activities in the installations: catalytic cracking (FCC), 4 weeks, 2016
- Petroleum- refining -plant operator, Vega Refinery Co., 4 weeks, Ploiesti, Romania, 2015

## QUALIFICATIONS

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### COMPUTER SKILLS

- ICDL (International Computer Driving License), 2014
- AFT impulse.
- PRO/II Comprehensive Process Simulation
- Pipesim Simulation

### PERSONAL SKILLS

- Self and fast learning and team work ability
- Ability to work under pressure & for long-time
- Planned and organized work
- Self-motivated and hard worker
- Very good analysis and presentation skills
- Ambitious and adventurous

## ACTIVITIES AND INTERESTS

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- Member of SPE, UPG Students' Chapter, 2016 to now
- Attended SPE workshop in SCHLUMBERGER Co. Workshop about Pipesim Simulation, 2 days, 2018
- Attended OMPETROM (Petrom City) workshop in Bucharest about drilling and production activities, 2018

## LANGUAGES

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- Arabic
- English
- Romanian