

**WALAA ISTAITIEH**  
MSc PETROLEUM ENGINEER

Dear,

Recently graduated from Heriot-Watt University, UK as a M.Sc. Petroleum Engineer with 'Production Optimization Employing Smart Wells' and 'North Sea development plan' as a graduate projects. Moreover, I got my Bachelor Degree in Mechatronics Engineering with excellent and honoured degree and 'Hydro-motor powered racing car' and 'CNC milling machine' as a graduate projects.

I'm seeking to join your company for an engineering role. In my career I was focusing on projects related to reservoir characterization, well engineering, reservoir management and project management with knowledge and understanding of applicable science and possesses awareness of existing and emerging technology within oil/gas industry. Able to create an effectively plan and manage workload to meet desired timelines, deliverables and service level targets with higher quality under safety regulations.

Over the last three years, I owned my technical skills by reading manuals and implement it on a wide range of projects at Schlumberger and University both individually and in large teams. Recently, I have developed my managerial abilities and leading technical talks by working as a President at SPE (Society of Petroleum Engineering) by coordinating technical talks with oil/gas leading companies such as Shell, Total and GE.

I have been told by others that I have a boundless energy, a great presentation skills and extremely clever.

My long term goal is to do a PhD. Degree in real-time reservoir management.

Teaching, research, analysis, programming and new development are my core area.

If you are looking for focus, organized, highly motivated and interpolated mind-set then I'm your candidate.

Sincerely,

Walaa Istaitieh



## **CONTACT**

☎ 00973 35911578

@ [walaasaheed8@gmail.com](mailto:walaasaheed8@gmail.com)

📍 Manama, Bahrain

## **SOCIAL MEDIA**

🌐 <https://www.linkedin.com/in/walaa-istaitieh-041891146/>

📷 [https://www.instagram.com/lifestyle\\_engineer\\_le/](https://www.instagram.com/lifestyle_engineer_le/)

📺 live: walaasaheed8

## **LANGUAGES**

🗣 Arabic, native

English, IELTS 7

## **SKILLS**

### **(TECHNOLOGY/FUNCTIONAL)**

- ❖ Reservoir Simulation (ECLIPSE)
- ❖ Reservoir Management techniques
- ❖ Formation Evaluation (TechLog)
- ❖ Production Technology (WellFlo)
- ❖ SQL, C++ and Matlab programming
- ❖ Petroleum Economics (SWOT analysis, calculating NPV, OPEX, CAPEX AND MCO)
- ❖ HSE management
- ❖ Primavera P6, MS project
- ❖ Oracle business
- ❖ API & ASME standards



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## **OBJECTIVE**

Successfully managed and controlled projects cost and progress represented in Capital and Operational expenditures, within the allocated budget, starting from project initiation till the close out phase. Able to carry out various financial and variance analysis to produce recovery plans. Moreover, able to apply appropriate advanced techniques to solve non-routine problems, influences decisions affecting analytical procedures and capital commitment. Analysis, research and new developments are my core area.



## **EDUCATION**

### **Heriot Watt University**

**2017 - 2021**

UK – Edinburgh

MSc Petroleum Engineering

Masters' Thesis: Production optimization employing smart wells & North Sea Field development plan.

### **October 6 University**

**2009 - 2013**

Cairo – Egypt

B.Sc. Mechatronics Engineering (Excellent With Honors)

Bachelor Thesis: "Race car powered by Hydro-engine/Water Engine (patented in the Academy of Science) & automatic spray painting (CNC)."



## **EXPERIENCE**

### **SPE (society of petroleum engineers)**

**Oct 2017- Sep 2018**

President of student chapter for Heriot-Watt University

- Technical talk's leader.

### **Schlumberger Middle East (SLB)**

**Aug 2013 - Apr 2015**

Field Specialist

- Manage field operations, including engineering design, maintenance, job planning, and operational reporting.
- Production operations, risk assessment, well Intervention: Wireline, Coiled Tubing, and Testing.
- Real-time Well Control during well intervention.

### **Engineering Academy Institute**

**Jan 2010 - Jun 2013**

Instructor of Industrial Automation / Technical support

- Manufacturing, design, PLC programming, controlling systems and technical support for factory embedded systems.
- HMI, SCADA, PLC and LabVIEW instructor.



## **COURSES**

Well testing, Petrel, Eclipse, CMG, tNav, Matlab, C++, Mastering of solids work, Risk Assessment, QHSE, Microsoft project, Projects Management, Marketing Specialist, Coaching and Developing and Operational Excellence.



## **HOBBIES AND INTERESTS**

Reading, diving and programming.



## **REFERENCES & CERTIFICATIONS**

Upon request