




# ELMIR ABILOV

MSc. – King Abdullah University of Science and Technology

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## CONTACT DETAILS

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## SOFTWARE SKILLS

Microsoft Word, Excel, Power Point

MATLAB, CMG

Power BI Data Visualization, SQL

Python (NumPy, Pandas, Matplotlib, Seaborn, SciKit-Learn)

## PERSONAL SUMMARY

MSc. degree graduate at Petroleum Engineering, having strong analytical and problemsolving skills with results-oriented mindset. Holding professional experience within oil & gas industry with real projects through internships. Skilled at technical document writing, database creation, data analysis and visualization, planning, organizing and seeking a position that involves regular use of these skills.

## EDUCATION

**Machine Learning Bootcamp** Oct. 021-present

Scholarship by International Bank of Azerbaijan and BP

**King Abdullah University of Science and Technology (Saudi Arabia)**

2019-2021 MSc. Energy Resources and Petroleum Engineering; GPA 3.80/4.00

Thesis title: Improving Formation Pressure Integrity Tests with Field-Wise Test Data Analysis and Hydraulic Impedance Testing

**Heriot-Watt University (Scotland)** 2015-2019

BEng Petroleum Engineering; GPA: 3.86/4.0

**Baku Higher Oil School (Azerbaijan)** 2014-2019

BEng Petroleum Engineering; Honors; GPA 92.29/100

## WORK EXPERIENCE

**eiLink R&D Center**  
**Junior Researcher**

Jan. 2022-Present

- Providing petroleum engineering support for BP's Azeri platforms
- Daily well monitoring, montly well allocation, sending offshore instructions, updating Prosper models, well tests planning and acceptance
- Helping BP with digital transformation by automating manually operated processes and creating usefull tools with Python

**BP plc.**

**Geopressure & Drilling Hazards Intern**

July-Sep. 2020

- Creating Integrated Database of Formation Pressure Integrity Tests for Azeri-Chirag-Guneshli field with over 200+ wells
- In-depth analysis and establishing trends based on collected data for different physical parameters
- Visualizing data and main outcomes in Power BI and OneMap Basemap
- Integrating all data with Oracle database and creating customized structure

**BP plc.**

**Drilling Engineer Intern**

Jul.-Sep. 2018

## SOFT SKILLS

Problem-solving, logical reasoning  
Organizational skills  
Customer service and communication  
Leadership and collaboration

## TEST Scores

GRE – Quantitative 169/170

- Preparing drill bits basis of design (BoD) technical document from scratch for the Azeri-Chirag-Gunashli (ACG) field
- Gathering drill bits data from vendors (Halliburton, Schlumberger, NOV, Baker Hughes) through the site visits and communication means

### **Production Division, State Oil Company of Azerbaijan Republic (Azerbaijan)** **Summer Intern**

Jun. 2018

- Creating Digital Oil Field concept for ~170 years old Bibieibat brown oil field
- Closely participating in different oilfield operations on the site by obtaining hands-on experience

### **The British Council (Azerbaijan)** 2018 **Exams Invigilator**

Nov. 2017- Sep.

- Set up the exam room and check equipment, assist with post-test duties
- Welcoming candidates, ensuring that all instructions have been clearly communicated
- Distribute and collect exam papers, actively monitor candidates during the exam

## VOLUNTARY WORK

### **Society of Petroleum Engineers (SPE) KAUST Student Chapter** 2021 **Membership Officer**

May. 2020- May

- Retaining current members, attracting new members, encouraging involvement
- Representing university and chapter in regional and international "PetroBowl" competition

### **Society of Petroleum Engineers (SPE) BHOS Student Chapter** **Vice-President**

Apr. 2016-May 2018

- Writing bi-weekly reports to SPE Azerbaijan Section
- Coordinator of "Petrobowl", "Energy 4 me" projects
- Organizing seminars, field trips, workshops

### **"Common Sense" Youth Organization (Azerbaijan)** **Chairman, Program Assistant**

Aug. 2016- May 2019

- Writing projects for Erasmus+ (European Union funded)
- Representing organization in international events
- Organizational support in local projects
- Creating application forms, assessing applications for Erasmus+ projects

## CONFERENCES & TRAININGS

### **Geomechanics and pore pressure challenges of the Caspian and analogous Basins**

23-24 Oct. 2018

SPE Workshop, (Baku, Azerbaijan)

### **SPE Regional Student Development Summit** (Baku, Azerbaijan)

30 Oct- 3 Nov. 2017

**New Generation: “Across the Universe 2.0” Oil and Gas Majoring Students Forum**

10-16 Sep. 2017

Organized by SPE Gubkin University Student Chapter (Moscow, Russia)

**“Safety familiarization, basic training and instruction for all personnel”**

Jul. 2015

Training of Personnel on Mobile Offshore Units, approved by State Marine Administration (Baku, Azerbaijan)

**AWARDS**

**2019 SPE PetroBowl Regional Qualifiers-**

**Russia and Caspian Contest**

19 Apr. 2019

Winner team; awarded with 10000\$ travel grant and qualified for international competition in Canada (Almaty, Kazakhstan)

**Presidential Scholarship**

Aug. 2014

for achieving 695/700 points on university entrance exam of Azerbaijan