



**Syed Umair Hasan S/o Syed Zia-ul Hasan**  
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**OBJECTIVE:**

To acquire job from a prestigious company, in order to gain beneficial experience in my field of study and broaden my knowledge in every way possible through learning whilst working amongst the best in the respective field.

**EDUCATION:**

- **University of Tulsa, Oklahoma.**  
Duration: August'21-Present  
Course: MS in Petroleum Engineering  
cGPA (1<sup>st</sup> Semester): 3.33
- **NED University Of Engineering And Technology, Karachi.**  
Duration: December '15 – August'19  
Course: B.E in Petroleum Engineering  
Graduated with cGPA 3.75
- **Aga Khan Higher Secondary School, Karachi**  
Duration: August '13 - May '15  
Higher Secondary Certification, passed with A\* grade
- **Hamdard Public School, Karachi**  
Duration: August '11 - May '13  
Secondary School Certification, passed with A\* grade

**RELEVANT EXPERIENCES:**

- Volunteer experience
  - Volunteered as the brand ambassador in NED University for Society of Petroleum Engineering (SPE) during Petro Bowl, 2017. I managed the promotion team and organized several tasks during the three-day event.
  - Volunteered as official organizer of the annual sports week in NED University arranged by SPE.
- Work Experience
  - Intern at Pakistan Petroleum Limited in Sui Gas Field, Baluchistan.  
I was selected as an intern at the Sui Gas Field in Baluchistan, which is the biggest gas field of Pakistan. I was posted for two weeks in Production department, where I worked with different teams at 'wells' and studied about their work in this department. This department is responsible for the total gas being produced. Then I was placed in a purification plant and gas compression station for two weeks where I learned about refinery of petroleum crude oil and compressors being made for production.
- Projects and Research

- My Final Year Project was “Design and Analysis of Hydraulic fracturing treatments in Tight Gas Sand reservoirs of Lower Indus basin”. This project focused on Reservoir and Production field of study and economic assessments as well.
- I did a research paper on the topic “Unconventional Hydrocarbon Assessments Through Hydraulic fracture Treatments” based on the concept of studying Hydraulic Fracturing and Unconventional resources.

### **WORKSHOPS AND SEMINARS:**

- Well Production reserves and residue by Mr. Tariq Jamil, PPL member at NED University of Engineering and Technology, Karachi on 26th February, 2018.
- Nanotechnology in Petroleum Engineering, by Mr. Zuewski, professor at Norwegian Institute, Norway on 25th December, 2017 at NED University, Karachi.
- Non-conventional Geomechanics for unconventional resources by Hamid Saroush at Marriott Hotel, Karachi on February 2, 2018.
- Well Completion by Mr. Sheikh Mubin Ashraf, engineer, Mari Petroleum Company Limited in NED University, Karachi on 25th May, 2017.
- Training and Development of Young Engineer Professionals in Service Industry by Mr. Khalid Zubair, General Manager- Schlumberger Oilfield Services on 30th March, 2017 in NED University, Karachi.

### **MEMBERSHIPS:**

#### **SOCIETIES AND ORGANIZATIONS:**

- Active member of SPE NED Student Chapter from 2016 - 2019.
- Head of team sport in SPE society, 2018-2019.
- Brand Ambassador at Petro Bowl, 2017 held in NED University.

### **ACHIEVEMENTS:**

#### **ACADEMICS:**

- Graduated in my university in the first quartile with a cGPA of 3.75.
- Won National Petro-bowl Championship 2019.
- Awarded prize laptop by government of Pakistan for scoring high merit in University in the year 2018.
- 2<sup>nd</sup> position in Mathematics Quiz Competition in 2009
- 3<sup>rd</sup> position in Biology Quiz in 2011
- 3<sup>rd</sup> position in Chemistry Quiz in 2011
- 9<sup>th</sup> place in Karachi out of 5,000 students and 15<sup>th</sup> place all over Pakistan out of 20000 students in International Kangaroo Mathematics Competition in 2013.
- 3<sup>rd</sup> place in ‘Famous Women of the nation Quiz’ Competition in 2015.
- GRE general score of 297 in March, 2020.
- TOEFL score of 95 in September, 2020
- IELTS score of 7.0 in September, 2019.

### **SPORTS:**

- Participated in Inter School Football tournament on 2012.
- 3<sup>rd</sup> position in inter university volley ball tournament in 2018.
- Won futsal tournament in 2017 in SPE sports week.
- Represented as NED Volleyball team captain in 2019.

**Other Skills:**

- I have advanced knowledge of compute softwares for research in chemical and petroleum engineering including Eclipse, Frac-Pro, MS Office and others.
- I have advanced knowledge of computer language programs including Python.