

Mahmood Abduljawad

Mahmood@tamu.edu

Houston, TX

(281) 839 – 4305

OBJECTIVE

Seeking an internship in the energy industry, preferably in a reservoir or wells position to gain further understanding of the multifaceted areas of the industry

EDUCATION

Texas A&M University

College Station, TX

Bachelor of Science in Petroleum Engineering, GPA: **3.84**

May 2025

EXPERIENCE

Range Resources

Canonsburg, PA

Production Engineering Intern

May 2023 – August 2023

- Led nodal analysis investigation, using IHS Harmony, to improve production forecast post-tubing installation which resulted in a 28% increase in accuracy for future well production forecasts
- Determined a more accurate value for water-specific gravity in wells after foamer injection by utilizing bottomhole pressure gauge data and calculated sandface pressure
- Created an IHS Harmony workflow for conducting production forecasts through the use of analytical models and the creation of inflow performance relationship curves
- Analyzed 30 wells from various BTU areas for consideration of inclusion in the summer project
- Assisted Lease Operators on their daily routes for 3 weeks to gain an understanding of gas production, facilities equipment, and company organization
- Researched and presented on the company's water and drill-out operations alongside other interns

Occidental Petroleum

Houston, TX

Wellbore Data Co-Op

February 2023 - May 2023

- Audited ~90 wells, checked files including wellbore diagrams, workover histories, and government files, to provide the most accurate and consistent versions to assist in improving accuracy for the company's internal and external usage
 - Worked 25 hours per week while maintaining a full-time school schedule
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ACTIVITIES

Society of Petroleum Engineers

Summer 2022- Present

Director of Service Committee

- Led a team of 8 to volunteer and help those less fortunate in our community
- Planned 6 events spanning multiple avenues from fundraising for charitable organization to volunteering at animal shelters and participating in local initiatives

Sophomore Retreat Counselor

- Assisted 21 students in their entry to the major by conducting a resume workshop and a mock career fair

Social Events Committee Member

- Assisted in organizing a networking event attended by 120+ students

International Association of Drilling Contractors

Fall 2022- Present

- Attended the NOV rig tour to gain knowledge about the differences in operations between basins

American Association of Drilling Engineers

Fall 2022- Present

The Arab Student Association at Texas A&M

Spring 2022- Present

AWARDS

Texas A&M University Dean's List Recipient

Fall 2022, Spring 2023

Nelson Scholarship Award Recipient

2022-2023

Distinguished Student Award Winner

2021-2022

Joseph A Marek '57 Scholarship

2022-2023

Grey Wolf Scholarship

2022-2023

Industry Board Endowed Scholar

2022-2023

SKILLS

IHS Harmony, Wellview, Excel, Python, Cygnet, Spotfire, Proficient in Arabic