

# Umer Khalil

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## CAREER GOALS

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Seeking to acquire an early-career full-time position in the energy industry that allows me to broaden my experience, where my problem-solving and analytical skills will be utilized, giving me a solid career foundation. Focused interest pertains to, but not limited to drilling and completion design, well testing, production forecasting, reserves estimation, and data engineering.

## CORE COMPETENCIES

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- Proficiency in ComboCurve™ | Aries® | PHDWIN
- Proficiency in CMG | ECLIPSE | Interactive Petrophysics
- Proficiency in |Python | C++| | SQL(Structured Query Language)
- Proficiency in Windows Microsoft (Word | Excel | Access | PowerPoint)

## EDUCATION

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<b>Texas A&amp;M University</b> Bachelor of Science in <u>Petroleum Engineering</u>	Expected Graduation date: <b>May 2022</b>   <b>GPA: 3.612</b>   <b>Major GPA: 3.67</b>
<b>Houston Community College (Remote)</b> Associates in <u>Computer Science</u>	Expected Completion: <b>May 2023</b>   <b>Overall GPA: 4.0</b>

## CERTIFICATIONS

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<b>Oracle SQL Certified</b>	Completion date:	<b>December 2021</b>
<b>Conoco Philips PetroTech Externship</b>	Completion date:	<b>January 2022</b>

## EXPERIENCE

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- | Inside Petroleum Inc. | Solutions QA/ Data analytics Engineer | Houston | TX** **January 2021 – October 2021**
- Focused on petroleum project evaluation, asset development, and reservoir simulation modeling
  - Quality assurance & pair programming with lead developers to automate the QA process
  - Identified the data-analytics problems in the economics modeling through pair programming
  - Optimized data analytics workflow & cleaned data provided by the users
  - Worked with a team of software engineers, product management team, and industry leaders to develop Combo Curve™ a cloud-based
  - Type curve modeling and simulation of future wells
- | Petro Rabigh Operations Intern | Operations/ Field Intern | Saudi Arabia** **May 2020 – August 2020**
- Identified well communication characteristics
  - Monitored Production rate and planned rework processes to enhance production
  - Understood mechanism of abandoning wells in a way that the well poses no threat to people & the environment
  - Maintenance, cleaning, and washing of equipment
  - Assisted crane operator with moving equipment and materials around the rig
  - Developed workover follow-up process to get closure and identified criteria for determining the success of past workovers in *Gawhar Field*

## EXTRACURRICULAR ACTIVITIES

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- | SPE MEMBER |** **May 2019- Present**
- Attend events & workshops to gain technical knowledge about the industry
  - Interact with professionals in industry and gain professional knowledge
- | Freshman Reaching Excellence in Science (HCC) | Member |** **July 2019- December 2019**
- Spoke at various events on campus informing freshmen students
  - Volunteered, visited, and spoke to engineering companies
  - Worked with professors to set up exams review

## AWARDS AND SCHOLARSHIPS

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- Ann & Brett Scholarship award for academic excellence (2020)
- April & Jay Graham92 scholarship for academic excellence (2021)