

James Manuel, EIT

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EDUCATION

Texas A&M University, Mays Business School

Master of Business Administration

College Station, TX

August 2027

Texas A&M University

Bachelor of Science in Chemical Engineering

GPA: 3.97/4.0

Summa Cum Laude, Craig & Galen Brown Engineering Honors Program

College Station, TX

May 2026

EXPERIENCE

SLB (formerly Schlumberger)

Commercial Sales Intern - ExxonMobil

Midland, TX

May 2026 – August 2026

- Developed an all-inclusive flowback Power BI dashboard consolidating production, chemical usage, and cost data for ExxonMobil; selected by SLB's Digital Team for implementation across Permian and Bakken areas
- Centralized production chemical data through a scalable Power BI solution, improving visibility and reporting
- Increased flowback reporting efficiency by 50%, improving report interpretation and usability
- Eliminated 40 hours of weekly manual report review by automating flowback reporting

Cheniere Energy

Process Services Engineering Intern

Corpus Christi, TX

May 2025 – August 2025

- Created an Aspen HYSYS hydraulics model of the Boil-Off Gas (BOG) system, enabling process engineers to evaluate pressure-drop impacts and justify equipment modifications
- Ran sensitivity analysis to update calculated BOG to help Advanced Process Controls operate efficiently
- Developed AVEVA PI output pages for the Key Operating Parameters, enabling real-time monitoring and rapid identification of process deviations

Pioneer Natural Resources

Drilling Engineering Intern

Midland, TX

May 2024 – August 2024

- Evaluated drilling lubricant alternatives through laboratory testing, assessing friction reduction, cost, operational performance, and environmental impact for the Permian Basin, providing a repeatable framework for future product evaluations
- Developed a lubricant selection scorecard that enabled data-driven lubricant selection decisions for the field
- Created lubricant testing procedures and lubricant strategy for the Permian Basin, providing a repeatable framework for future product evaluations

Texas A&M University – Student Engineer's Council Directed Internship

Engineering Intern

College Station, TX

June 2023 – August 2023

- Mentored gifted high school students enrolled in "Engineering Design" and "Smash Chemistry" sessions

LEADERSHIP & INVOLVEMENT

Texas A&M Engineering's Zachry Leadership Program

Cohort I member

College Station, TX

January 2024 – May 2026

- Selective 5-semester leadership program that teaches self-awareness, empathy, creativity, and purpose

Tau Beta Pi

Corporate Chair

College Station, TX

January 2025 – May 2026

- Organized industry speaker events, such as ExxonMobil's Wells Planning, Analysis & Joint Interest Manager

SKILLS, ACTIVITIES & INTERESTS

Technical Skills: Working knowledge of Python, MATLAB, Aspen HYSYS, PowerBI, MS Office.

Certifications & Training: Engineer-in-Training (EIT); pursuing Professional Engineer (PE) licensure

Activities:

- Texas A&M Engineering Honors Program (Executive Committee and Engineering Honors Ambassador)
- Treasurer for Kappa Upsilon Chi Fraternity (Service-Oriented Fraternity)

Honors: ExxonMobil Teagle, Shell Technical, and Tau Beta Pi Scholarships; BSA Eagle Scout