

Sarah Schwarzbach, 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, College of Engineering
Bachelor of Science in Chemical Engineering
GPA: 3.97/4.0
Honors: Summa Cum Laude

College Station, TX
May 2026

EXPERIENCE

Burns & McDonnell
Oil, Gas & Chemicals Global Practice, Process Intern

Houston, TX
May 2026 – July 2026
May 2025 – August 2025

- Backchecked and redlined P&IDs, PFDs, and line lists across multiple concurrent projects, identifying and resolving design discrepancies before drafting finalization
- Verified line lists against red lines, confirming design and operating conditions were accurately reflected
- Built an AI-powered HTML tool to analyze value-add data across 80–100 vendor bid packages, giving the procurement and business development team a faster, more consistent basis for vendor selection
- Improved a brownfield midstream gas plant, by adding a debutanizer tower and supporting equipment to increase charge rate by 14%
- Developed procedures and pathways for pre-commissioning tasks of a grassroots facility, supporting operations managers and field engineers' readiness for facility startup

Bryan Research & Engineering
Technical Support Intern

Bryan, TX
May 2024 – August 2024

- Modeled multiple chemical process units in ProMax, building working proficiency in BR&E's proprietary simulation software
- Converted a multi-flowsheet process model from Aspen HYSYS into ProMax, demonstrating BR&E's software capability on a prospective client's own facility and directly supporting the technical sales team

LEADERSHIP & INVOLVEMENT

Texas A&M University Student Engineers' Council
Career Fair Registration Coordinator
Member

College Station, TX
February 2025 – September 2025
August 2024 – May 2026

- Coordinated registration and communications for 400+ companies at the largest student-run career fair in the United States, resolving registration issues and distributing logistics information to ensure a smooth process ahead of the fair's 12,000-student turnout

Chi Omega, Xi Kappa Chapter
Songfest Head Delegate
Member

College Station, TX
August 2025 – November 2025
August 2023 – May 2026

- Served as liaison between Chi Omega and a 150-member participating act, coordinating logistics between act members, chairs, and chapter leadership and attending 40+ practices to enforce Songfest rules and compliance helping the act earn 3rd place overall in an event that raised over \$320,000 for 29 charities

SKILLS, ACTIVITIES & INTERESTS

Technical Skills: Aspen HYSYS, ProMax, Bluebeam, HTRI, Navisworks 3D, Microsoft Office

Certifications: *Engineer-in-Training (EIT), License (awaiting approval), Texas Board of Professional Engineers

Activities & Interests: Running, scuba diving