

Marshall Schier

936-520-0977 | mjschier19@tamu.edu | <https://www.linkedin.com/in/marshallschier>

EDUCATION

Texas A&M University, Mays Business School
Master of Business Administration

College Station, TX
August 2026

Available to begin full-time: June 2026

Texas A&M University, College of Engineering
Bachelor of Science in Mechanical Engineering

College Station, TX
May 2025

EXPERIENCE

Robotics and Automation Design Lab (RAD Lab)

College Station, TX

Senior Design Capstone Project

August 2024 – April 2025

- Developed and designed a 2-axis gantry rake system capable of redistributing 3,000 pounds of aggregate for terrain reset after rover testing
- Conducted structural analysis on the rake using SOLIDWORKS and built prototypes to ensure factors of safety requirements were met
- Led project management efforts through coordinating schedules, task dependencies, and risk assessments across the design team
- Collaborated with RAD Lab graduate students to align design choices with research objectives for rover exploration

CMTA, a Legence Company

The Woodlands, TX

HVAC Mechanical Design Intern

May 2024 – August 2024

- Created HVAC (Heating, Ventilation, and Air Conditioning) and plumbing schematics by interpreting architectural plans, contributing to coordinated construction documentation
- Utilized Revit and Bluebeam to edit and redline mechanical, electrical, and plumbing (MEP) systems, improving clarity of construction sets
- Collaborated with mechanical design team to ensure compliance with code requirements and client expectations
- Gained understanding of commercial building intricacies by reviewing current air conditioning units at public school properties in the Houston area

LEADERSHIP & COMMUNITY INVOLVEMENT

Christian Engineering Leaders (CEL)

College Station, TX

Co-Director

May 2024 – May 2025

- Directed and mentored a 7-member staff team, guiding leadership development and overseeing planning for retreats, weekly gatherings, and outreach events that served 40 student members
- Led weekly staff meetings to foster community, support staff, and coordinate event logistics
- Supervised all CEL-sanctioned events, maintaining clear oversight of timelines and execution
- Strengthened alumni and donor engagement by maintaining contact with 100+ individuals through monthly updates and organizational communications

Impact Retreat

College Station, TX

Staff Member

February 2022 – July 2025

- Mentored freshmen as a counselor and later disciplined counselors as a prayer teamer, showing incoming students the importance of their faith and finding community in college
- Led a 10-person service crew as Crew Chair, coordinating retreat logistics with executives to ensure operations ran smoothly

City of College Station

College Station, TX

Little League Umpire

April 2022 - Present

- Officiate 20 yearly little league baseball games to maintain standards of play and to ensure that all game rules are observed
- Demonstrate conflict resolution abilities by managing interactions with coaches, players, and parents

SKILLS, ACTIVITIES & INTERESTS

Technical Skills: Machine Learning, Python, SolidWorks, Excel, MATLAB

Activities: Member of American Society of Mechanical Engineers (ASME), Member of FBC College Station

Interests: Golf, Piano, Podcasting, Sand Volleyball, Statistics