Peyton Vos

(956) 647-7650 | plvos0307@tamu.edu | www.linkedin.com/in/peyton-vos

EDUCATION

Texas A&M University, Mays Business School — College Station, TX
Master of Business Administration — September 2026

Texas A&M University, College of Engineering — College Station, TX
Bachelor of Science in Manufacturing and Mechanical Engineering Technology
Minor in Mathematics — May 2025

EXPERIENCE

BinkleyBarfield | DCCM — College Station, TX
Mechanical Engineering Intern — June 2025 – August 2025
- Updated and refined over 15 utility design plans in MicroStation, improving overall project accuracy and efficiency
- Conducted clash detection that prevented at least 5 major conflicts, reducing costly rework and delays
- Exported project layouts into Google Earth, improving spatial planning and coordination across 3+ active projects
- Supported technical reports and drawings reviewed by senior engineers, ensuring compliance with industry standards

Stream-Flo — Houston, TX
Mechanical Engineering Intern — June 2024 – August 2024
- Assembled 10 wellhead trees, repaired valves, and tested new systems, directly supporting field deployment readiness
- Designed and 3D-modeled service tools that reduced maintenance by 25% and improved efficiency for field engineers
- Created technical drawings/performed stress calculations that verified product safety under high-pressure conditions
- Organized and streamlined engineering documentation, improving design review efficiency for cross-functional teams

City of Dallas — Dallas, TX
Civil Engineering Intern — June 2023 – August 2023
- Analyzed and resolved issues across 10+ paving, drainage, and erosion projects, reducing delays and cost overruns
- Recommended/implemented engineering solutions, ensuring compliance with all city, state, and federal regulations
- Partnered with engineers to revise contractor work and verify bid quantities, improving record accuracy by 15%

LEADERSHIP EXPERIENCE

Capstone — College Station, TX
Robotics Design Project — August 2024 – May 2025
- Designed and built a robot to excavate and traverse waste, improving efficiency by 40% over traditional methods
- Applied mechanical design, systems integration, and testing skills to solve complex engineering challenges
- Coordinated with 4 teammates to manage deadlines, budgets, and final presentations to faculty and industry reviewers

National Society of Leadership and Success (NSLS) — College Station, TX
Member — September 2022 – May 2025
- Selected as a member of the NSLS for academic achievement and leadership potential
- Participated in leadership development training and networking events focused on goal setting and growth

Student Engineers' Council (SEC) Directed Internship — College Station, TX
Research Engineering Internship — May 2022 – August 2022
- Developed algorithms enabling underwater UAVs to perform hide-and-seek pursuit and evasion tasks
- Collaborated with mentors while receiving 40+ hours of leadership and career development training
- Applied problem-solving and teamwork skills to contribute to innovative research on autonomous systems

SKILLS, ACTIVITIES & INTERESTS

Technical Skills: Python, JavaScript, Microsoft Office, Creo, Fusion360, Visual Basic, MicroStation
Activities: Society of Manufacturing Engineers. Honor Society, American Society of Mechanical Engineers
Interests: Robotics, sustainability, technology innovation, automotive engineering, leadership development, golf