

Mark McCulloch

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EDUCATION

Texas A&M University, Mays Business School College Station, Texas
Master of Business Administration August 2027

Texas A&M University, College of Engineering College Station, Texas
Master of Science in Mechanical Engineering May 2026

GPA: 3.90/4.0 – Summa Cum Laude

College of Engineering Bachelor of Science in Mechanical Engineering December 2025
GPA: 3.96/4.0 – Summa Cum Laude, Presidential Endowed Scholar

EXPERIENCE

Secretariat Houston, Texas
Intern, Construction Delays and Damages Team June 2025 – Present

- Analyze technical reports, project schedules, and financial data using Primavera P6 and Excel to reconstruct manpower allocations, identify delays and critical events, and build relevance-sorted databases supporting billion-dollar construction disputes.
- Develop expert report outlines, case summaries, exhibits, delay models, and schedule graphics for litigation and arbitration, translating complex technical analyses into clear visuals used by CEOs, executives, and legal teams to support case strategy.
- Support multidisciplinary teams on multi-million- and billion-dollar power, transportation, and renewable energy projects across South America and the U.S., sourcing contractual documents and project records to streamline expert report development.

Convergentz Houston, Texas
Intern, Building Automation Systems August 2022 – May 2026

- Installed low-voltage building automation system (BAS) hardware and control wiring in commercial office buildings throughout downtown Houston, supporting HVAC controls and system commissioning.
- Created commercial HVAC As-Built, Submittal, and Floor Plan drawings using Microsoft Visio, documenting equipment, controls, and field installations to support project coordination, commissioning, and future maintenance.
- Downloaded and configured control programs onto field controllers, verifying proper operation and functionality for commissioning agents during system startup.
- Collaborated with a senior BAS programmer to develop and implement code for unit-level HVAC controllers, gaining hands-on experience with building automation programming and control logic.

LEADERSHIP & INVOLVEMENT

The Big Event College Station, Texas
Staff Assistant August 2024 – May 2026

- Coordinated resident job checks by scheduling appointments, conducting on-site safety assessments, and completing required documentation and background checks.
- Managed tool delivery and volunteer logistics for 16,000+ participants during the organization's largest community service event, managing tool distribution, volunteer coordination, and project resources while supporting additional service projects throughout the year.

SKILLS, ACTIVITIES & INTERESTS

Languages: Conversational proficiency in Spanish

Technical Skills: Python, Machining, CAD, Engineering Drawings, Excel

Certifications & Training: OSHA 10

Activities: Houston Food Bank, Sole Loved, Mars Rover Landing Optimization Program, Build A Rocket Co-Project Manager, AI Parkinson's Insole, ASHRAE, ASME, Pi Tau Sigma, Private Tutoring

Interests: Traveling, Hiking, Hockey, Photography, Botany, Freediving, Learning Spanish, Football