

Michael McCulloch

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EDUCATION

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

College Station, Texas
August 2027

Texas A&M University
Bachelor of Science in Manufacturing and Mechanical Engineering Technology (MMET)

College Station, Texas
December 2025

EXPERIENCE

Hunton Trane

HT Inside Sales Engineer

Houston, Texas
February 2026 – July 2026

- Created detailed customer proposals by compiling product selections, pricing, warranties, exclusions, accessories, and supporting documentation to deliver accurate and comprehensive bid packages.
- Analyzed project drawings, equipment schedules, and specifications to develop HVAC equipment solutions that met performance requirements, application needs, and customer project criteria.
- Managed opportunity-tracking documentation through Preliminary Opportunity Reports (PORs), assigning sales and estimating responsibilities, and supporting efficiency throughout the bidding process.

Convergentz

Building Automation System Intern

Houston, Texas
November 2020 – August 2025

- Installed low-voltage building automation (BAS) hardware and control wiring across multiple office buildings in downtown Houston, ensuring compliance with safety and building code standards.
- Interpreted complex construction and electrical plans to determine ideal locations for BAS components, streamlining installation.
- Developed detailed floorplans, mechanical schematics, and as-built drawings using AutoCAD, Visio, and Bluebeam, enhancing documentation quality for future maintenance and system upgrades.
- Shadowed sales professionals to observe customer interactions and identify solution-based selling opportunities.

Epicentre Consulting Engineers

Mechanical Engineering Intern

Sydney, Australia
May 2024 – July 2024

- Designed and optimized ventilation systems for entire commercial floor plans using AutoCAD and Bluebeam, ensuring compliance with Australian codes and standards.
- Conducted detailed cooling load calculations for individual rooms using Camel Heat Load software, enabling precise HVAC sizing and energy-efficient system design.
- Identified dead zones and airflow deficiencies in building spaces through analysis, providing actionable recommendations to improve occupant comfort and system performance.

INVOLVEMENT

Sole Loved

June 2023 - Present

- Worked one-on-one with low-income children to fit and provide them with new shoes for the school year.

The Big Event

March 2024

- Provided cleanup and landscaping support to Bryan-College Station residents in need.

SKILLS, TRAINING, & INTERESTS

Technical & Language Skills: Autodesk Fusion 360, Office 365, AutoCAD, Bluebeam, MATLAB, Visual Studio, Visio, Fluent in Spanish.

Training: OSHA 10-Hour Construction Safety Training.

Interests: Strength training, distance running, professional networking, and football (NFL & college)