

Alex Ayala

Mechatronics Engineering & MBA Student at MTSU

Experience supporting technical projects and coordinating work across multidisciplinary teams in academic and professional settings. Brings a strong balance of organization, technical problem solving, and clear communication to keep complex projects moving forward. Known for composure under pressure and attention to detail.

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Murfreesboro, TN

Technical Skills

- MATLAB
- 3D Printing
- Microsoft Excel
- PLC Programming
- Python
- Soldering
- SOLIDWORKS
- PID Control
- C++
- Laser Cutting
- Siemens S7
- Root Cause Analysis

Education

M.B.A. Master of Business Administration

Middle Tennessee State University

Expected Graduation: May 2027

Murfreesboro, TN

B.S. Mechatronics Engineering

B.S. Professional Studies - International Organizational Management

Middle Tennessee State University

Expected Graduation: May 2026

Murfreesboro, TN

- Minor: Mathematics
- GPA: 3.16

Work Experience

Assistant Project Manager

Tennessee STEM Education Center

January 2026 - Present

Murfreesboro, TN

- Handled administrative tasks for large research projects, reducing operational load on researchers
- Facilitated stakeholder communication to clarify needs and align priorities
- Collected team feedback and evaluated performance to drive continuous improvement
- Created graphics, websites, and program materials using collaboration tools

Host / Server / Caterer

Demos' Restaurant

January 2024 - July 2025

Murfreesboro, TN

- Delivered consistent customer service in fast-paced, high-volume environments
- Coordinated customer flow and table placement while communicating closely with management
- Directed host stand operations during peak periods by assigning tasks and setting priorities
- Executed catering orders independently, adapting to new environments and customer needs

Study Abroad Coordinator

Entrepreneurship & Empowerment South Africa (EESA)

May 2023 - August 2023

Cape Town, South Africa

EESA is a six-week experiential study abroad program where student teams consult with marginalized small business owners in Cape Town, addressing real-world operational and business challenges.

- Coordinated logistics, transportation, and security to support student travel to client sites
- Conducted interviews and evaluated local entrepreneurs to assess fit for program participation
- Mentored student consulting teams on assessing client businesses and developing deliverables
- Collaborated with international teams across diverse cultural and academic backgrounds

Certifications

SOLIDWORKS Professional CSWP

Dassault Systèmes

Microsoft Office Specialist: Excel Expert (MO-201)

Microsoft

MathWorks Certified MATLAB Associate

MathWorks

Certified Lean Six Sigma Yellow Belt

Council for Six Sigma Certification (CSSC)