

Fernando Cano Morales

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EDUCATION

Texas A&M University, Mays Business School

Master of Business Administration

College Station, TX

August 2027

Texas A&M University

Bachelor of Science in Mechanical Engineering

GPA: 3.94/4.0

College Station, TX

May 2026

EXPERIENCE

HARMAN International

Hardware Engineering Intern

Richardson, TX

May 2026 – July 2026

- Addressed vibration testing failures halting the progress of a multimillion-dollar audio power amplifier project by researching, procuring, and integrating Polyurethane foam pads, resulting in cost savings.
- Designed and 3D printed a fixture to facilitate loading and unloading of amplifiers onto an end-of-line testing rack, projected to increase throughput and profit.
- Communicated with external suppliers to acquire supplies and testing equipment recommended based on technical and budgetary considerations.

TT Electronics

Mechanical Engineering Intern

Plano, TX

May 2025 – August 2025

- Led a cross-functional process improvement effort on a high-volume PFC resistor product line, achieving a projected 66% reduction in scrap rate.
- Performed root cause analysis using SAP and implemented 3D CAD solutions alongside standardized work instructions to improve production efficiency, resulting in reduced defects and costs.
- Presented technical findings and recommendations to the VP General Manager.

GameStop

Refurbishment Technician

Grapevine, TX

June 2024 – August 2025

- Refurbished electronic components in hardware products using soldering and diagnostic tools, improving product recovery rates and profit.
- Conducted quality inspections to ensure functionality and compliance with performance standards, reducing costs from product returns due to failures.

LEADERSHIP & INVOLVEMENT

Los Alamos National Laboratory Senior Capstone

Project Coordinator and Point of Contact

College Station, TX

August 2025 – May 2026

- Coordinated a 5-person team on developing thermomechanical stress testing functionality for an In-situ Hydrogen Charging Chamber, advancing the study of hydrogen-compatible metallic materials.
- Performed heat transfer analysis and created GD&T engineering drawings for custom parts.
- Managed a \$6,000 bill of materials, selecting components based on performance, cost, and reliability.

4D STEAM Community Outreach Project

Volunteer Teacher

College Station, TX

February 2024 – May 2024

- Taught fundamental engineering concepts to elementary school students using hands-on 4D Frame modeling activities and complementary presentation materials.

SKILLS, ACTIVITIES & INTERESTS

Languages: Fluent in English and Spanish; Conversational proficiency in Mandarin Chinese

Technical Skills: SolidWorks, AutoCAD, Python, SAP, Microsoft Excel, Microsoft PowerPoint

Activities: Altar Server supporting weekly services at St. Mary's Catholic Center