

Victor Andrade Jr.

(713) 206-1392 | vandradejr@tamu.edu | <https://www.linkedin.com/in/victor-andrade-jr/>

EDUCATION

Texas A&M University – Mays Business School
Master of Business Administration

College Station, Texas
August 2027

Texas A&M University – College of Engineering
Bachelor of Science in Manufacturing & Mechanical Engineering Technology

College Station, Texas
December 2025

EXPERIENCE

Andrade Construction Companies

Houston, Texas

Estimating Project Coordinator

January 2026 – July 2026

- Coordinated a 9-person estimating team's bid schedule and sourced unit pricing from 45+ vendors to further bid competitiveness, decrease turnover times, and ensure on-time submissions
- Authored and submitted final project proposals to general contractors for 85+ projects, totaling over \$270 million in cumulative estimated project valuation, with a 25% to 30% rate in project acquisition

Field Engineer

May 2025 – August 2025

- Led cost analysis for 75+ construction projects, translating takeoff quantities into Excel-based material cost estimates to accurately give competitive pricing, authoring 50+ official project proposal bids
- Compared and negotiated vendor pricing and collaborated with PMs to generate accurate and competitive bids, contributing to a 30% increase in project acquisition by improving cost-competitiveness
- Logged and verified concrete quantities for 40+ residential starts, driving a 42% cost efficiency improvement

Ferrari of Houston

Houston, Texas

Shadow Technician

May 2024 – July 2024

- Shadowed two Ferrari master technicians to learn automotive diagnostics, powertrain systems, and auto repair across 25+ high-performance vehicles with total valuation above \$15 million

PROJECTS

Senior Capstone Design Project

College Station, Texas

Manufacturing Lead, Astro Aggies

January 2025 – December 2025

- Collaborated cross-functionally with a team of 5 engineers to design and integrate a custom manufacturable lathe tooling center with custom software for a desktop Computer Numerical Control (CNC) milling machine
- Designed over 15 iterations for a custom lathe tooling center in Fusion 360, finalizing a design that met all technical specifications required from the sponsor
- Programmed custom NC code based probing sequences and tooling coordinate systems, machining parts with a deviation of under 0.0005" with repeated accuracy
- Assisted in experimenting with accurate methods to measure runout to reach 0.0005" runout goal
- Contributed to documenting progress, budgeting costs, and co-authoring project memos, presentations, and 6-month project timeline, ensuring the project was on schedule and within the team's \$1500 budget

LEADERSHIP & INVOLVEMENT

Texas A&M Sports Car Club

College Station, TX

Assistant Secretary/Lead Photographer/Member

September 2022 – Present

- Coordinated 125 membership records and financial planning for 10+ automotive events, supporting successful event execution and accurate budgeting
- Coordinated with 22 officers and chairs to implement new outreach strategies, increasing event attendance and total membership by 33%
- Collaborated with the social media team to execute outreach strategies, taking 1500+ event photographs, leading to an increase in engagement with photos being used in marketing and event flyers across 3 social media platforms

SKILLS

Technical Skills: Microsoft Office Suite, Fusion 360, AutoCAD, Python, Visual Basic, G-Code/M-Code, Technical Drawing Creation, GD&T, Stress Analysis, Failure Mode Analysis, PLC Programming