

DAVID GARCIA

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EDUCATION

Texas A&M University

May 2025

Bachelors of Science in Manufacturing & Mechanical Engineering Technology

- 4-year ABET- accredited engineering degree focusing on Manufacturing & Mechanical Engineering.

EXPERIENCE

CBS Paramount Engineering Intern

June 2023 - August 2023

CBS Broadcast Center | New York, NY

- Collaborated with CBS News journalists on over 20 stories spanning politics, entertainment, community, and sports, including on-field coverage of the NBA Draft, college basketball, and major New York sports teams (Giants, Jets, Mets, Nets, Knicks, and Yankees), leveraging storytelling and audience engagement strategies to effectively market sports content across multiple platforms.
- Created 2 workflow diagrams for studio collaboration with partner shows on AutoCAD.
- Mentored by the Director of Engineering and a team of journalists at CBS News in New York, gaining expertise in broadcast engineering, team dynamics, news reporting, and professional etiquette.

Technical Marketing

February 2022 - Present

Mays Business School Sales Leadership Institute | College Station, TX

- Design all comprehensive branding and promotional materials for AmplifyU, a Texas A&M program aimed at educating student-athletes on NIL Law and professionalism.
- Collaborate with Texas A&M Athletics to promote AmplifyU, improving student engagement and corporate partnerships.
- Develop multiple websites including 150+ web pages, boosting participation in higher education initiatives.
- Produced, edited, and hosted an educational podcast focused on the Texas A&M Former Athletes advising the current athletes.
- Lead social media strategy on multiple platforms resulting in 1 million+ impressions.

ORGANIZATIONS / PROJECTS

Amphibious Boat Suspension Capstone

September 2024 - Present

Project Manager | SATOP

- Lead project and managed team members to develop a modular suspension system for an amphibious rescue boat, improving terrain (water & land) adaptability.
- Prototype process, utilizing 3D printing and full-scale models to validate suspension geometry and functionality.
- Conduct materials analysis, ensuring corrosion resistance and structural integrity for high-stress rescue operations.
- Test procedures, including simulations, physical testing, and compliance with customer specifications.

GroceryGo App

February 2024 - Present

- Lead team to create an app offering discounted groceries nearing expiration, promoting cost savings and reducing food waste. Designed and implemented a user-friendly UI/UX to ensure a seamless customer experience.
- Received 1st place in the "Solving World Problems" competition, sponsored by Mays Business School and judged by industry leaders, including representatives from HEB.

Automobile Engineering Design

August 2022 - December 2023

Lemon Car Racing Organization | College Station, TX

- Optimized performance of a \$500 budget car designed for a 24-hour endurance race.
- Engineered solutions to boost car efficiency while adhering to racing regulations.
- Repaired and optimized the engine to improve performance and durability.

SKILLS

- **Software & Tools:** Adobe Creative Cloud (Premiere Pro, Illustrator, Photoshop, Audition), Canva, Figma, Microsoft Office (PowerPoint, Excel, Word, Visual Studio), Google Analytics, AutoCAD, Fusion 360, SolidWorks, Creo, Python.
- **Technical:** Mechanical design, 3D modeling, CAD drafting, materials analysis, prototyping, video & audio editing, graphic design, technical writing, marketing, and social media management.
- **Languages:** Native fluency in Spanish and English, both spoken and written.

AWARDS & CERTIFICATES

1st place, Solving World Problems Mays Business School

2024

Sales + Analytics Texas A&M Mays Business School Program

2023

Foundations of Project Management Certificate

2023