

Blake Hajdik

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EDUCATION

Texas A&M University, Mays Business School

Master of Business Administration

College Station, Texas

Aug 2025 – Aug 2026

Texas A&M University

Bachelor of Science in Manufacturing and Mechanical Engineering Technology (MMET)

College Station, Texas

Aug 2020 – May 2025

EXPERIENCE

National Oilwell Varco (NOV, Inc.)

Mechanical Engineering Intern, Pressure Control Group

Houston, Texas

Jun - Aug 2023/2024

- Identified a crucial Blowout Preventer Door component issue that resulted in material loss, reviewed the process, communicated with senior engineer to redesign the component using Creo to withstand axial and radial forces.
- Developed documentation for a Load Monitoring System for a 20ksi BOP project. Worked with vendor to create Linear Variable Differential Transformers (LVDTs) and Subsea Electronic Modules (SEMs) to meet project requirements.
- Participated in Factory Acceptance Tests (FATs) of diverse manufactured components such as a BOP platform and a main body of a Spherical BOP (SBOP) pull test.
- Reclassified over 20 assemblies in major project involving proprietary high strength, low temperature studs for optimization of manufacturing database efficiency, clarity, and accuracy
- Revised 15-page technical document detailing testing specifications for NOV's Depth Compensated Bottle (DCB) products in order to further streamline testing of future DCB's
- Executed 10+ engineering change requests, requiring an understanding of NOV database systems while developing skills in Creo and TeamCenter while also learning the communication skills necessary to optimize workflows on a daily basis.

NetEdge VR

Summer Intern

Houston, Texas

Jun - Aug 2021/2022

- Assisted in identifying and developing business cases for Virtual Reality/Augmented Reality solutions, targeting specific operational objectives.
- Mapped the interior of a specialty museum utilizing 360/3D cameras and software while working with a team of 3.
- Tested VR applications under development, documenting any problems identified.
- Provided light repair and maintenance for 3D printing hardware.

LEADERSHIP & INVOLVEMENT

Theta Tau – National Professional Engineering Fraternity

Intramural Athletics Chair

Events and Activities Chair

College Station, Texas

Aug 2021 – Aug 2023

Aug 2024 – Dec 2024

Texas A&M Fish Camp

Counselor

College Station, Texas

Mar 2021 – Oct 2024

- Selected by Texas A&M University as one of 24 counselors to represent the university as a positive role model and ambassador for incoming freshman Aggies.
- Aided in organizing a 3-day student led program helping transition over 100 high school students to be more prepared as freshman at Texas A&M University.
- Trained for several months to prepare for the camp to welcome freshman to college and help them gain the tools to succeed in college.

SKILLS, ACTIVITIES & INTERESTS

Technical Skills:

Strength of Materials, Fluid Mechanics & Power, Nonmetallic & Metallic Materials, Metal and Nonmetal Manufacturing Methods, Mechanical Design Analysis, Product Design, Experience working with mills, drills, lathes, saws, CNC lathes and mills, Training on MIG, TIG, SMAW, FCAW welding, 3D CAD Software (Fusion 360 and Creo), and PLM Software (TeamCenter)

Interests: Triathlon, Blacksmithing, Motorsports, Hunting, Fishing, Hiking, Camping, Baseball, Football