Josh Evensen

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EDUCATION

Texas A&M University, Mays Business School College Station, Texas
Master of Business Administration July 2025

Texas A&M University, College of Engineering College Station, Texas
Bachelor of Science in Mechanical Engineering May 2024

EXPERIENCE

Pinnacle Reliability Houston, Texas
Project Engineer Intern June 2023 – August 2023

- Developed a Risk Based Inspection program for a client across 3 international refinery sites to optimize safety, availability and cost.
- Classified over 10,000 assets based on expected corrosion rate from mechanical and process data to prioritize highest risk systems for inspection planning.
- Evaluated and updated 30+ corrosion models amidst on site alterations to equipment ensuring 100% accuracy of optimization program.
- Analyzed inspection processes and results for 100+ existing assets to determine scope of risk impact and mitigation strategies for future inspections.

Reynolds & Reynolds College Station, Texas
Engineering Intern June 2022 – August 2022

- Designed hardware components for a management system, streamlining data sharing between 5000 locations across the U.S. to increase workflow efficiency by 30%.
- Applied reverse engineering techniques to 50+ components to detect discrepancies and errors, resulting in an improved manufacturing process that minimized errors.
- Revised and updated 20+ product designs to adapt to evolving requirements, ensuring consistent production output and maximizing product utility.

LEADERSHIP & INVOLVEMENT

SAE Autodrive Challenge College Station, Texas
Detection Team August 2023 – June 2024

- Collaborated on a team to design a detection system and develop perception algorithms for a level 4 autonomous vehicle utilizing LiDAR and camera sensors as part of a nationwide competition.
- Created and developed an accurate simulation environment for the perception systems, predicting and addressing potential sensor faults and failures increasing reliability by 25%.
- Optimized the sensor suite for safety, reliability and reduced complexity, resulting in a 20% improvement in detection accuracy and a 30% reduction in system complexity.
- Achieved second place overall in national contest, securing second place in both simulation tests and real-world autonomous vehicle performance, involving navigating courses through varying driving conditions.

SKILLS, ACTIVITIES & INTERESTS

Technical Skills: Excel, Python, MATLAB, AutoCAD, SolidWorks, JMP
Interests: Data analytics, reliability engineering, machine learning applications, process engineering, operations
Organizations: Aggies in Business - Consulting, TAMU MBA Finance Club