

Kate Hester

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EDUCATION

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

College Station, Texas
August 2026

Texas A&M University, College of Engineering
Bachelor of Science in Industrial Engineering
Minor in Engineering Project Management

College Station, Texas
May 2025

GPA: 3.96/4.00, **Honors:** Summa Cum Laude, President's Endowed Scholarship

EXPERIENCE

Artificial Intelligence Capstone

US Army Combat Capabilities Development Command (DEVCOM)

- Researched and reviewed literature for more than 30 Artificial Intelligence (AI) failure modes
- Recommended improvements to AI-risk quantification in autonomous ground vehicles
- Developed solutions that were applicable to all relevant AI applications, contributing to ongoing technological advancements in defense-industry capabilities

Texas Instruments

Program Management Intern, Analog - Customs

Dallas, Texas
May 2024 – August 2024

- Automated planning document generation in VBA for more than 100 products annually for a major client, reducing the turnaround time from days to minutes
- Created a standard and efficient system for tracking projects, resources, and team activities than improved organization for a 25-person cross-functional team
- Facilitated clear and effective technical communication between technical and nontechnical teams and clients

LEADERSHIP & INVOLVEMENT

Kappa Alpha Theta Sorority

Promotions Chairman

College Station, Texas
August 2021 – May 2025

- Systematized fundraising efforts to raise more than \$72,000 in under three months
- Increased funds 27% by implementing a digital-first marketing strategy while minimizing costs under a \$5,000 budget
- Led a team of nine women and served on a team of five event directors

Pine Cove Ranch

Counselor and Lifeguard

Tyler, Texas
May 2023 - July 2025

- Ran risk management routines for four high-risk activities and coordinated daily schedules for around 30 clients, aligning activities, staff coverage, and safety checks to hit 100% on-time starts across a 7-week season

Apps4College

Counseling Intern

Houston, Texas
May 2022 – August 2023

- Developed organizational structures in Google Workspace, reducing counselor prep time by around 10 hours per week

SKILLS, ACTIVITIES & INTERESTS

Technical Skills: Visual Basic for Applications (VBA)

Certifications & Training: Engineering Systems Management Certificate, Data Center Operations Engineering Certificate

Activities: Engineering Honors Ambassador, Order of Omega, Institute of Industrial and Systems Engineers, Scotty's House Volunteer