

Kate Hennig

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EDUCATION

Texas A&M University

College of Engineering, Mays Business School

Bachelor of Science in Industrial and Systems Engineering, Minors in Computer Science & History

Master of Science in Finance

Honors: Brown Scholar, Craig and Galen Brown Engineering Honors, Presidents Endowed Scholar

CFA Level I Candidate (May 2026)

College Station, Texas

December 2026

Cumulative GPA: 3.88/4.00

Cumulative GPA: In Progress

PROFESSIONAL EXPERIENCE

Macquarie Group

Incoming Commodities & Global Markets Summer Analyst

Houston, Texas

June 2026 – August 2026

Teragonia

PE Value Creation & Analytics Summer Analyst

Chicago, Illinois

May 2025 – August 2025

- Built record linkage app with React and Uvicorn backend to reconcile 1M+ supply chain records using string comparison (Jaro-Winkler, Levenshtein) and vector embeddings, enabling cross-system vendor matching
- Delivered web-scraping system, single-handedly built what's typically a team effort: automated competitor data extraction across 13K+ U.S. districts using Perplexity AI and custom scrapers
- Modernized analytics stack by refactoring 4,000+ lines of Dataiku SQL into dbt, migrating workflows to Airflow + dbt, and piloting AI IDEs to reduce dev time and increase velocity

Rush Creek Yacht Club

Head C420 Youth Sailing Instructor

Dallas, Texas

June 2024 – July 2024

- Instructed over 10 youths, ages 10-18 in 7 week-long sessions of Sailboat Racing Bootcamp, creating curriculum designed to transition an intermediate C420 sailor to an experienced level in a time span of 5 days
- Conducted weekly trainings for C420 coaches, halving emergency response time and developing motorboat proficiency

LEADERSHIP & INVOLVEMENT

STEM to Stocks Club

President

College Station, Texas

May 2025 – Present

- Redesigned curriculum to give increased transparency into the world of finance for freshman engineers
- Planned and will conduct eight meetings in the fall semester; aiming to increase MSF sophomore applicants by 10%

Texas A&M Sailing Team

Captain

College Station, Texas

August 2023 – August 2025

- Provided leadership to a team of over 40 members, fostering a culture of teamwork and skill development
- Raised over \$8,000 last year alone through three grant applications as well as alumni outreach enabling national travel

180 Degrees Consulting

Associate Consultant

College Station, Texas

January 2024 – August 2024

- Engaged with team of 3 other consultants to examine the client's business and develop solutions to address underlying issues with advertising, budget management, human resources, offering over 7 new forms of outreach to Texas A&M students

A&M Case Competition

Competitor

College Station, Texas

March 2025

- Investigated and proposed cost reduction measures for Fizz Force, a health-focused and eco-friendly soda manufacturer

Tidal TAMU

Competitor

College Station, Texas

November 2023

- Worked with a team to leverage machine learning and data analytics using the python library TensorFlow to predict academic performance from various student metrics and created a website using React to display results

SKILLS, ACTIVITIES & INTERESTS

Technical Skills: C++, Python, VBA, SQL, HTML, CSS, Tableau, Haskell

Certifications & Training: CFA Investment Foundations

Activities: Collegiate Dinghy / Sailboat Racing, Boulderling, Coaching, Volunteering, making websites (see tamusailing.org)

Interests: Sailing, Slalom Waterskiing, Reading, Coding