

Roger McGrath

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EDUCATION

Texas A&M University

College of Engineering, Mays Business School
Bachelor of Science in Industrial & Systems Engineering
Master of Science in Finance

College Station, Texas

May 2026

Cumulative GPA: 3.31/4.00

Cumulative GPA: In Progress

PROFESSIONAL EXPERIENCE

Texas Golf Association

Championship Operations Intern

Houston, Texas

May 2024 – August 2024

- Implemented innovative programming solutions within the tournament workflow to automate administrative tasks, resulting in a significant 25% increase in overall productivity.
- Managed and coordinated diverse teams of volunteers on a weekly basis to efficiently oversee all aspects of tournament operations, ensuring smooth execution and exceptional participant experiences

Bioprinting Lab Research

Research Assistant

College Station, Texas

May 2023 – Present

- Implemented a working calendar for the lab based on employee availability, experiment dates, and presentation dates for manufacturing conferences, leading to an increase in experiments performed by 20%
- Increased data per experiment by using material flowrate studies on the experimental 3D printer and time biodegradation research to further understand what mixture ratios were successful for prints

Informatics for Engineers Class

Teaching Assistant

College Station, Texas

January 2023 – May 2023

- Directed review sessions focusing on mistakes made by classes prior and created a discussion board that students could post questions on prior to the review which increased test averages by 10 points from the previous semester
- Spearheaded homework grading and increased grading output by splitting up the 140 students by 4 between the graders achieving 2 assignments graded per week
- Proctored a 70-student class during 4 exams and achieved a one week turnaround for grades, allowing students to assess class standings in a rapid manner and seek additional help and review where needed

LEADERSHIP & INVOLVEMENT

PWC Case Study

Team Member

College Station, Texas

August 2023

Utilized financial modes to forecast profits for an acquisition of a multi-national hospitality company.

- Developed and created a comprehensive PowerPoint presentation for a case study, showcasing analytical skills and effective communication of key findings
- Delivered a compelling presentation at the conclusion of the possible merger and acquisition deals, effectively communicating key insights and recommendations to executives of Homestead International.

Fish Camp

Camp Counselor

College Station, Texas

March 2023 – October 2023

- Advised and mentored group of 13 incoming freshmen on culture, traditions, on-campus organizations, and resources of Texas A&M to assist with transition to college life
- Established a support system through continuity events to keep freshmen engaged and connected with discussion groups and activities and events with Fish Camp cohort throughout the freshman year
- Oversaw audio/visual components of the camp for skits and camp time socials, and arranged supplies for work weekends prior to the camp session

SKILLS, ACTIVITIES & INTERESTS

Technical Skills: Visual Basic for Applications, C++

Certifications & Training: CPR Certification, Wall Street Prep Excel and PowerPoint, CFA Investment Foundations

Relevant Courses: Informatics for Industrial Engineering, Modern Manufacturing Methods

Activities: Fish Camp, FREE

Interests: Electric Guitar, Pickleball, and Embroidery