

Addison Bouillion

(512) 694-1917 | addisonrae04@tamu.edu | <https://www.linkedin.com/in/addison-bouillion-3457b1292/>

EDUCATION

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

College Station, TX
August 2027
Available to start full-time in June 2027

Texas A&M University, College of Engineering
Bachelor of Science in Biomedical Engineering, Minor in Psychology
GPA: 3.823/4.0

College Station, TX
May 2026

EXPERIENCE

Williamson County and Cities Health District

Round Rock, TX
July 2026

Human Resources and Community Health Volunteer

- Supported a local cancer screening initiative, promoting awareness and expanding access to care

Human Resources Student Intern

May 2025 – July 2025

- Analyzed Community Health Assessment data to identify workforce gaps and recommend clinic placement and staffing adjustments
- Assessed onboarding through employee interviews and streamlined materials to improve new hire integration

Texas A&M University, Biomedical Engineering Department

College Station, TX

Senior Capstone Project – 3D Brachytherapy Applicator for Cervical Cancer

August 2025 – May 2026

2nd Place, Engineering Project Showcase (346 teams) – with University of Texas MD Anderson Cancer Center

- Developed a personalized brachytherapy applicator using a Python-based model, reducing guideline violations by 62.5% and decreasing radiation to healthy organs by 12.23% while maintaining treatment effectiveness
- Presented technical findings to both clinical and non-technical audiences, translating complex concepts into accessible insights, while collaborating weekly with sponsors at MD Anderson Cancer Center

Texas A&M University Department of Biomedical Engineering

College Station, TX

Peer Mentor, BMEN 485 – Directed Studies for Biomedical Design

January 2026 – May 2026

- Advised 7 student teams, providing feedback to improve project execution, communication, and report quality

Course Grader, BMEN 343 – Biomedical Engineering Materials

August 2025 – December 2025

- Assessed coursework for 23 students, ensuring consistent grading and issuing feedback to build biomaterials concepts

LEADERSHIP & INVOLVEMENT

Alpha Omicron Pi, Tau Mu Chapter

College Station, TX

Director of Philanthropy

November 2024 – November 2025

- Oversaw chapter fundraising initiatives, generating over \$17,000 for national and local philanthropic partners
- Built partnerships with national organizations, local nonprofits, and campus staff to coordinate service events

Director of Academics

November 2023 – November 2024

- Promoted academic success across chapter by communicating policies and organizing study groups and recognition programs for over 100 members

Freshmen in Engineering, Science, and Technology (FEST)

College Station, TX

Vice President of Finance

April 2024 – April 2025

- Managed budget for approximately 100 members, ensuring compliance with university financial policies
- Advised a team of 12 directors on budgeting practices and procedures, strengthening financial planning

Fundraising Director

April 2023 – April 2024

- Organized and led fundraising initiatives in partnership with local businesses and community sponsors, raising over \$1,500 to advance organizational initiatives

SKILLS & ACTIVITIES

Technical Skills: Python, MATLAB, SolidWorks

Activities: Big Brothers Big Sisters Mentorship Program; Order of Omega