

Madelyn A. Gray

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EDUCATION

University of Arkansas

Fayetteville, Arkansas

Expected Graduation: May 2028 | B.S. Industrial Engineering and Operations Analytics | Minor in Engineering Management

Study Abroad: Rome, Italy (May–June 2026) | Engineering Economic Analysis & Project Management

Texas A&M University

College Station, Texas

Attended August 2024 - May 2025 | General Engineering Coursework Completed

Prestonwood Christian Academy

Plano, Texas

Summa Cum Laude, STEM Honors, Distinguished Diploma, Class of 2024 | SAT: 1520 | GPA: 4.204 | Top Ten Percent

WORK EXPERIENCE

University of Arkansas Department of Industrial Engineering

January 2026 - Current

Undergraduate Teaching Assistant, Statistics I for Industrial Engineers

15 Hours/Week

- Led weekly office hours focused on statistical analysis and data-driven problem solving
- Managed grading workflows and course systems for 35–55 students
- Developed R-based learning resources for data analysis, modeling, and reporting assignments
- Standardized learning objectives to improve exam consistency and assessment quality

7 Brew Coffee

June 2023 - November 2023

Barista

20 Hours/Week

- Managed high-volume, fast-paced operations, serving 40+ cars per hour while maintaining quality, safety, and efficiency

LEADERSHIP EXPERIENCE

McMillon Innovation Studio: PepsiCo Gatorade Design Team

January 2026 - May 2026

University of Arkansas

5 Hours/Week

- Conducted customer discovery interviews and synthesized findings to identify consumer trends within the sports drink market
- Applied problem-solving and design methods to develop concepts aimed at improving engagement and brand positioning
- Proposed and led development of a new marketing campaign concept (Gatorade: For Every Occasion), translating user insights into a targeted engagement strategy centered on bringing consumers back to Gatorade
- Directed and produced promotional video content, managing filming and editing to support campaign storytelling

Society of Women Engineers: SWElites

August 2024 - May 2025

Texas A&M University

3 Hours/Week

- Led the socials committee within SWE's freshman leadership program, coordinated event logistics and scheduled monthly events with a 90% member turnout rate

PepsiCo Leadership Certificate Program

Spring 2025

Texas A&M University, Mays Business School & College of Engineering

3 Hours/Week

- Completed leadership development program applying lessons in imposter syndrome, conflict resolution, and multidisciplinary collaboration while networking with recruiters in independent conversations

The A-Line Magazine, Photography Co-Editor

Spring 2025

Texas A&M University

10 Hours/Week

- Planned and scheduled production workflows to create on-time deliverables for a digital and print publication with a cross-functional team of models, stylists, event teams, and editors

The Big Event, Jobsite Leader

Spring 2025

Texas A&M University

20 Hours

- Coordinated volunteers to complete community service projects by organizing transportation to worksites and procuring the required tools as part of the largest one-day, student-run collegiate service project in the nation

CAMPUS AND COMMUNITY INVOLVEMENT

Fuego Tortilla Grill Campus Ambassador

- Executed on-campus activation campaigns reaching 100+ students per event through online marketing and student outreach

Best Friends Animal Society of Northwest Arkansas

- Provided consistent volunteer support through "Dogs Day Out," assisting with animal exercise, socialization, and care

Industrial Engineering Mentor Circles

- Networked with industry professionals for resume reviews, career fair preparations, and application guidance

SKILLS

Java, R, Excel, Word, PowerPoint, Microsoft Access, SQL