

# Jasmine Woods

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## EDUCATION

**Texas A&M University** - College Station, Texas

December 2028

Degree: Bachelor of Science in Materials Science & Engineering

Cumulative GPA: 3.03

Minor: Artificial Intelligence in Business

## PROFESSIONAL OBJECTIVE

I am a motivated and professional Materials Science & Engineering student minoring in Artificial Intelligence in Business. Seeking research opportunities in healthcare materials or electronic materials where laboratory testing, data analysis, and computational tools are applied to biomaterials, medical devices, semiconductors, or advanced materials systems. I am eager to contribute my leadership, problem-solving, communication, and teamwork skills.

## ENGINEERING & LABORATORY EXPERIENCE

*General Chemistry & Physics Laboratories – Texas A&M University*

August 2024 – Present

- Executed quantitative analysis using titrations, serial dilutions, and spectrophotometry
- Built Excel models with calibration curves and linear regression to analyze experimental data
- Calculated physics parameters from raw lab measurements

## TECHNICAL & LABORATORY SKILLS

- Data analysis & graphing (Excel, MATLAB)
- Experimental error & uncertainty analysis
- Volumetric analysis, titrations, and serial dilutions
- Python (basic), Arduino (basic)

## EXTERNSHIP

**Hanger Clinic – Prosthetics Shadowing | Bryan, TX**

*Student Shadow*

January 2026 - Present

- Completed 4 hours to date of prosthetics shadowing; projected 60+ hours in May 2026 through weekly clinical sessions
- Observing clinical fabrication and fitting of lower- and upper-limb prostheses, including material selection and component assembly
- Analyzing the use of fiberglass composites and casting techniques to create molds for custom prosthetic sockets
- Supporting amputee patients during intake and fitting, observing how device design impacts comfort, biomechanics, and mobility

## LEADERSHIP

**Dean's Advisory Committee – Pine Creek High School**

*Committee Supervisor*

August 2021 – May 2022

- Led student representatives in developing and presenting formal proposals to the school administration

**Future Business Leaders of America (FBLA)**

*Vice President of Membership | Vice President of Progress*

August 2022 – May 2024

- Managed participation tracking and project completion for 50+ members across competitive and service events
- Coordinated timelines and deliverables to support chapter qualification for the Outstanding Chapter Award
- Organized professional panels, recruitment initiatives, and chapter engagement activities
- Contributed to earning the Peak 5 Award and Sunday Service Award at the state level

## ORGANIZATIONS / PROGRAMS

**Aggies For Limbs (AFL)**

August 2025 – Present

- Raised \$650 for Ashton's Angels to provide prosthetics to individuals with financial need
- Conducting corporate outreach to secure profit-sharing partnerships and in-kind donations, raising a total of \$5,000+

**Freshmen Reaching Excellence in Engineering (FREE)**

September 2024 – May 2025

- Selected for a highly competitive engineering leadership organization emphasizing teamwork, service, and project execution skills

**Society of Women Engineers (SWE)**

August 2024 – Present

- Coordinated engineering outreach events and designed digital communications to improve member engagement and information dissemination

**Biomedical Engineering Society (BMES)**

August 2024 – August 2025

- Networked with industry professionals to gain insight into medical devices, biomaterials, and healthcare engineering

**WORK EXPERIENCE****Carl's Jr, Colorado Springs, Colorado**

May 2022 – August 2023

*Cashier and Cook*

- Operated in a fast-paced, high-volume environment while handling transactions, food preparation, and training cashiers
- Maintained accuracy, efficiency, and customer service under time constraints, increasing customer intake

**HONORS (and/or AWARDS)****Seal of Biliteracy**

- Demonstrated high proficiency in Spanish through five years of academic study

**Business Achievement Award (BAA)**

- Completed 10+ hours of professional development focused on business, leadership, and communication skills