

**Brendan Matthew Alderman**

Forensic Expert

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NOT FOR EXPERT DESIGNATION

## EDUCATION

**Texas Tech University: Lubbock, Texas**

*Bachelor of Science in Mechanical Engineering, May 2025*

**Texas Tech University: Lubbock, Texas**

*Master of Science in Mechanical Engineering, May 2026*

## CERTIFICATIONS & TRAINING

**Federal Aviation Administration**

*Remote Pilot sUAS Certification, July 2026*

**Northwestern University Center for Public Safety**

*Introduction to Traffic Crash Investigations, July 2026*

## WORK EXPERIENCE

June 2026 – Present

**Aperture Companies, LLC**
Forensic Expert

- *Investigation, analysis, and reconstruction of motor vehicle accidents through the use of scientific processes*
- *Accident scene and vehicle inspection, photography, and measurement*
- *Creation of trial exhibits and testimony aids including scene and vehicle diagrams, and reconstruction exhibits*

May 2024 – August 2025

**Delta Robotics Inc.**
Mechanical Engineer

- *Led design and fabrication of durable, minimal-adhesive packaging for Delta's first product, reducing cost*
- *Managed production and refined manufacturing process for Thermoflex, a spring-shaped Nitinol actuator*
- *Co-led the Aeroflex Ryzers project, a pneumatic muscle powered active leg extension stilt exoskeleton, overcoming design challenges and completing a functional prototype in time for a major conference*

## AFFILIATIONS & HONORS

*Texas Department of Public Safety Private Investigator*

*Pi Tau Sigma Mechanical Engineering Honor Society*