

aperture

RYAN GANS. ACTAR

PHONE: (713) 589-3946
EMAIL: ryan.gans@aperturellc.com

Forensic Expert
Accident Reconstruction

EDUCATION

University of Texas, Austin, Texas
Bachelor of Science, Physics, 2020

Northwestern University Center for Public Safety Traffic Crash
Investigation, 2022
Traffic Crash Reconstruction 1 & 2, 2023

IPTM, University of North Florida: Jacksonville, Florida
Tire & Wheel Forensics, Roadway Evidence, Vehicle Lamp & Safety Belt Examinations, 2022

Forensic Training Group
Heavy Vehicle Event Data Recorder Use in Traffic Crash Investigation, 2026

Texas Association of Accident Reconstruction Specialists (TAARS)
Nighttime Accidents Applied Human Factors Concepts for Accident Reconstruction, 2021 Advanced Driver Assistance Systems, 2024

Collision Safety Institute, Inc.
System (CDR) System Technician, 2022 Other

Training

Virtual CRASH Live Classroom Training, 2025
Recon-3D User Group, 2026

Conferences / Seminars
Symposium on EDR Research and Training – NAPARS (2024, 2025, 2026)

PROFESSIONAL CERTIFICATIONS

ACTAR #5066, Accreditation Commission for Traffic Accident Reconstruction (2026) Private Investigator, License No. A11774
Crash Data Retrieval System Technician, Bosch Corporation
UAS Remote Pilot, Federal Aviation Administration
INPUT-ACE Certified Operator

QUALIFICATIONS

Accident Reconstruction

5+ years of experience investigating and reconstructing single and multi-vehicle crashes from minor to fatal, involving motorcycles, passenger vehicles, and commercial motor vehicles. Experienced in scene documentation and measurement as well as evidence collection. Technical training in vehicle dynamics, crash mechanics and investigation, and event data retrieval for both passenger and heavy vehicles.

WORK EXPERIENCE

Current — Aperture, LLC
Forensic Expert – Accident Reconstruction

2021 – 2026 — Axiom Reconstruction, Inc.
Accident Reconstructionist

NOT FOR THE EXPERT DESIGNATION