



David Daren

Senior Managing Accident Reconstructionist

Department

Accident Reconstruction & Forensic Animation

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Locations

Los Angeles, CA

Biography

David Daren is a crash reconstruction specialist with extensive experience in the investigation, analysis, and reconstruction of motor vehicle collisions. He is a valued member of the Accident Reconstruction team at YA Group, where he focuses on crash reconstruction, vehicle dynamics, and Event Data Recorder (EDR) analysis.

David has been involved in more than two thousand investigations since 1988, analyzing collisions involving automobiles, heavy trucks, buses, pedestrians, bicycles, motorcycles, and farm equipment. He has also worked on cases requiring advanced video analysis and photogrammetry, applying technical methodologies to evaluate complex accident scenarios.

Outside of his casework, David is an automotive enthusiast with a particular interest in the Corvette C8, a passion that deepens his practical understanding of handling, braking, and advanced driver-assistance systems.

Professional Experience

- 2026 - Current | Senior Managing Accident Reconstructionist | YA Group
- 2021 - 2026 | Senior Crash Reconstruction Engineer | Mecanica Scientific Services
- 2015 - 2021 | Senior Forensic Engineer | Momentum Engineering Corp.
- 2009 - 2015 | Forensic Engineer | Cima Forensic Engineering
- 2005 - 2009 | Forensic Engineer | A.D. Williams Engineering Inc.
- 1995 - 2005 | Forensic Engineer | Daren Forensic Engineering
- 1993 - 1995 | Engineer | SAMAC Engineering Ltd.
- 1988 - 1993 | Engineer | Anderson Associates Consulting Engineers Inc.

Area of Practice

- Accident Reconstruction
- Heavy Trucking

Education

- University of Alberta - Bachelor of Science - Mechanical Engineering - Edmonton
- University of Alberta - Graduate-Level Engineering Courses - Dynamics of Structures and Fracture Mechanics - Edmonton
- University of Calgary - Graduate-Level Geomatics Engineering Course - Non-Topographic Photogrammetry - Calgary

Training Courses

- SAE International -
- ADAS (Advanced Driver Assistance Systems) Testing & Reconstruction, Mohnton, Pennsylvania, November 2025 -

- Autonomous Vehicles for Transportation Professionals, e-Learning, August 2023
- Advanced Applications of Heavy Vehicle EDR Data, Oxnard, California, May 2021
- Accessing and Interpreting Heavy Vehicle Event Data Recorders, Oxnard, California, May 2016 and May 2021
- Applying Automotive EDR Data to Traffic Crash Reconstruction, Torrance, California, December 2019
- Applied Vehicle Dynamics, Thermal, California, March 2019
- Reconstruction and Analysis of Rollover Crashes of Light Vehicles, Norwalk, California, December 2016
- Vehicle Dynamics Basics for Off-highway Trucks, Detroit, Michigan, April 2014
- Automobile Vehicle Dynamics, Detroit, Michigan, 1994
- Other -
- Video Analysis in Collision Reconstruction, LEVA (Law Enforcement & Emergency Services Video Association International Inc.), September/October 2024
- Crash Data Retrieval (CDR) Technician Level One & Two Certification Course, Anaheim, California, 2015
- Investigation of Pedestrian and Bicycle-Involved Traffic Collisions, CATAIR, Ottawa, Ontario, August 1991

Affiliations

- Association of Professional Engineers and Geoscientists of Alberta (APEGA)
- SAE International (formerly Society of Automotive Engineers)
- California Association of Accident Reconstruction Specialists (CA2RS)
- National Association of Professional Accident Reconstruction Specialists (NAPARS)
- Southwestern Association of Technical Accident Investigators (SATAI)

Licenses

- 46031 - Alberta, Canada - Engineer