James LaRocque

Forensic Animator

Department
Accident Reconstruction & Forensic Animation

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Locations
Denver, CO

Biography

Jamie LaRocque is a Forensic Animator with extensive experience in accident reconstruction. From the beginning of his career, Jamie has been trained and performed many duties of accident reconstruction, from investigating scenes and vehicles, measuring evidence using photogrammetry, simulating and reconstructing vehicle crashes, to illustrating reconstruction results with 3D visualizations and imagery for mediations and trials. With his experience and background in engineering, Jamie understands the underlying technical issues of a case and can accurately convey complex results in a visual format that is easy to understand. Jamie has created exhibits for various accidents involving automobiles, pedestrians, motorcycles, heavy trucks, recreational vehicles, watercraft, aircraft, snow sports, mechanical and structural failures, fires and explosions, product liability, and personal injury.

Credentials

- FAA Certified Drone Pilot

Professional Experience

- 2024 - Current | Forensic Animator | YA Engineering Services
- 2017 - 2023 | Graphics Director | Compass Consulting Engineers
- 2000 - 2017 | Forensic Engineer and Animator | Ponderosa Associates
- 1997 - 2000 | Forensic Engineer | Knott Laboratory
- 1995 - 1996 | Draftsman | Timberline Surveying

Area of Practice

- Graphics & Animation

Publications and Presentations

- Fenton S., Johnson W., LaRocque J., Rose N., Ziernicki Z., Using Digital Photogrammetry to Determine Vehicle Crush and Equivalent Barrier Speed (EBS), SAE, Paper No. 1999-01-0439

Education

- Colorado School of Mines - Bachelor of Science - Civil Engineering - Golden - Colorado

Affiliations

- Society of Automotive Engineers - Heavy Truck ABS
- Engineering Dynamics Company - HVE 3D
- HVE Forum - Tire Friction Modeling
- FARO - 3D Laser Scanning and Registration