Farrell Bonin

ACTAR

Senior Accident Reconstructionist

Department
Accident Reconstruction & Forensic Animation

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Locations
Birmingham, AL
Houston, TX
New Orleans, LA

Biography

Farrell Bonin is a Senior Accident Reconstructionist at YA Group with over 13 years of experience. Farrell specializes in the investigation and reconstruction of motor vehicle collisions and has experience investigating and reconstructing accidents involving commercial tractor-trailers, high-speed fatality collisions, daytime and nighttime accidents, and collisions involving automobiles, motorcycles, bicycles, pedestrians, and objects.

Farrell specializes in commercial vehicle crashes and has considerable experience downloading and analyzing digital forensics data from tractor-trailer and automobile electronic data recorders (ECM, EDR, SDM, ACM, CDR, etc.), video event data recorders (DriveCam, SmartDrive, etc.), heavy truck telematics systems, and numerous other devices. He also has extensive experience inspecting and documenting the condition of braking systems on tractor-trailers and heavy trucks. He has investigated over 1,000 motor vehicle collisions and supervised hundreds of severe injury and fatal crash investigations.

He holds full accreditation in accident reconstruction from the Accreditation Commission for Traffic Accident Reconstruction (ACTAR) and is also a certified drone pilot.

Credentials

- ACTAR | Accreditation Commission for Traffic Accident Reconstruction, #4001

Professional Experience

- 2024 - Current | Senior Accident Reconstructionist | YA Engineering Services
- 2020 - 2024 | Accident Reconstructionist | Bloomberg Consulting
- 2014 - 2021 | Police Officer III-A | University of Louisiana Lafayette
- 2017 - 2020 | Accident Reconstruction Field Supervisor | National Collision Technologies
- 2012 - 2014 | Accident Reconstruction Technician | National Collision Technologies
- 2004 - 2011 | Traffic Lieutenant | Iberia Parish Sheriff's Office

Area of Practice

- Accident Reconstruction

Education

- Northwestern University - Traffic Accident Reconstruction Series - Northwestern University Center for Public Safety - Baton Rouge - Louisiana
- St. Martin Parish Police Academy - Certified Peace Officer - St. Martinville - Louisiana

Training Courses

- The FARO Zone Mini-Series: From Field to Finish - FARO - Online - January - 2023
- Mack / Volvo Forensic Imaging Training - DELTA |v| - Charlotte, NC - September - 2021
- Virtual Crash Simulation Software - vCRASH Academy & Forensic Training Group - Pleasant View, TN - October - 2020
- Commercial Motor Vehicle Collision Reconstruction – Level 1 - Traffic Safety Training Center - Sherman, Texas - 2020
- Vehicle Lamp Examinations in Traffic Collisions (VoD) - Institute of Police Technology and Management - University of North Florida - Online - 2020
- Pavement Retroreflectivity - American Society of Civil Engineers - Online - 2013
- Work Zone Traffic Control M.U.T.C.D. - American Society of Civil Engineers - Online - 2013
- Commercial & Passenger Vehicle Inspector - Capital Technical College - Port Allen, LA - 2012
- Pursuit Termination P.I.T. Maneuver Techniques and Dynamics - Iberia Parish Sheriff's Office - New Iberia, LA - 2010
- Adult Education and Firearms Instructor - F.B.I. New Orleans Office - Livingston, LA - 2010
- RADAR & LIDAR Police Instructor - Louisiana State Police - Baton Rouge, LA - 2010
- F.B.I. Instructor Development and Adult Education - F.B.I. New Orleans Office - Livingston, LA - 2010
- Traffic Accident Reconstruction II - Northwestern University Center for Public Safety - Baton Rouge, LA - 2009
- Event Data Recorder Use in Traffic Crash Reconstruction - Level 1 - Institute of Police Technology and Management - University of North Florida - Jacksonville, FL - 2020

Affiliations

- National Association of Professional Accident Reconstruction Specialists (NAPARS)