

Curriculum Vitae

Farrell Bonin, ACTAR

Profession: Mr. Bonin specializes in the investigation and reconstruction of motor vehicle collisions. He holds full accreditation in accident reconstruction from the Accreditation Commission for Traffic Accident Reconstruction (ACTAR). He is also a certified drone pilot. He has experience in the investigation and reconstruction of accidents involving commercial tractor-trailers, high speed fatality collisions, daytime and nighttime accidents, and collisions involving automobiles, motorcycles, bicycles, pedestrians, and objects. Mr. Bonin specializes in commercial vehicle crashes and has considerable experience downloading and analyzing leading edge 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 has extensive experience inspecting and documenting the condition of braking systems on tractor-trailers and heavy trucks in order to determine their existing braking capability and applying that to the specifics of a particular collision. He has investigated over one thousand motor vehicle collisions and supervised hundreds of severe injury and fatal crash investigations.

Testimony: Mr. Bonin has testified in trial numerous times in Louisiana during his career in law enforcement.

Certifications: Certificate of Full Accreditation from ACTAR– Registration #4001
FAA Certified Remote Drone Pilot – Certification #4422711
Certified Commercial Vehicle Inspector
Certified Crash Data Retrieval (CDR) Technician

Education: *St. Martin Parish Police Academy*, St. Martinville, LA
2003 – Certified Peace Officer

Experience: *Bloomberg Consulting* – Birmingham, AL
2020 to present – Accident Reconstructionist

National Collision Technologies. – Baton Rouge, LA
2012 to 2014 – Accident Reconstruction Technician
2017 to 2020 – Accident Reconstruction Field Supervisor

University of Louisiana Lafayette – Lafayette, LA
2014 to 2021 – Police Officer III-A



*Iberia Parish Sheriff's Office – New Iberia, LA
2004 to 2011 – Traffic Lieutenant*

Professional Development:

- ◆ Faro Zone 3-D Technologies – Webinar Field to Finish training in 3-D software providing crash professionals multi-modal, diagram, document and analysis of forensic scenes. Birmingham, AL, 1/2023
- ◆ Mack / Volvo Forensic Imaging Training - Hands on training as an Authorized User of the software tools for imaging Mack & Volvo event data recorders and the standardized reporting of the data. *DELTA /v/*, Charlotte, NC, 9/2021
- ◆ Virtual Crash Simulation Software – Hands on traffic collision analyses training utilizing VCRASH simulation software to; draw scale diagrams, manipulate 3D models and terrain environments, and create high-definition animations and simulations. *vCRASH Academy & Forensic Training Group*, Pleasant View, TN, 10/2020
- ◆ Commercial Motor Vehicle Collision Reconstruction – Level 1, *Traffic Safety Training Center*, Sherman, Texas, 2020
- ◆ Event Data Recorder Use in Traffic Crash Reconstruction – Level 1, *Institute of Police Technology and Management – University of North Florida*, Online Course, 2020
- ◆ Vehicle Lamp Examinations in Traffic Collisions (VoD), *Institute of Police Technology and Management – University of North Florida*, Online Course, 2020
- ◆ Pavement Retroreflectivity, *American Society of Civil Engineers*, Online Course, 2013
- ◆ Work Zone Traffic Control M.U.T.C.D., *American Society of Civil Engineers*, Online Course, 2013
- ◆ Commercial & Passenger Vehicle Inspector, *Capital Technical College*, Port Allen, LA, 2012
- ◆ 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
- ◆ Pursuit Termination P.I.T. Maneuver Techniques and Dynamics, *Iberia Parish Sheriff's Office*, New Iberia, 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
- ◆ Traffic Accident Investigation I, *Northwestern University Center for Public Safety*, Baton Rouge, LA, 2008
- ◆ Traffic Accident Investigation II, *Northwestern University Center for Public Safety*, Baton Rouge, LA, 2008

- ◆ Bosch CDR Download and Operation, *Northwestern University Center for Public Safety*, Baton Rouge, LA, 2008
- ◆ Vehicle Dynamics, *Northwestern University Center for Public Safety*, Baton Rouge, LA, 2008
- ◆ Traffic Accident Reconstruction I, *Northwestern University Center for Public Safety*, Baton Rouge, LA, 2008
- ◆ Peace Officer Standard Training Police Academy, *St. Martin Parish Police Academy*, St. Martinville, LA, 2003

Teaching Activities:

- ◆ *Integrating Communications, Assessment, and Tactics (ICAT)*, Instructed personnel on a use-of-force training guide designed to fill a critical gap in training police officers in how to respond to volatile situations in which subjects are behaving erratically and often dangerously but do not possess a firearm. 2018
- ◆ *Active Shooter/ Threat Training and Awareness*, Lead Instructor for UL Lafayette for both the Police Department and Faculty. 2015-2019
- ◆ *Louisiana Uniform Traffic Crash Report Training*, Lead Instructor for UL Lafayette for new police recruits. 2014-2020