

DAVID A. NUGENT

ACCREDITED TRAFFIC CRASH RECONSTRUCTIONIST

## CURRICULUM VITAE

### INVESTIGATIVE EXPERIENCE

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- Analysis of low-velocity impacts
- Seat belt usage analysis
- Driver identity analysis
- Accident reconstruction cases involving occupant positioning, speed determination, time/distance studies, point of impact placement and computer-aided reconstruction
- Accident investigations involving witness interviews, accident scene investigations, and vehicle examinations
- Vehicular accident causes relating to mechanical malfunctions
- Motor vehicle/pedestrian analysis
- Computer simulation of motor vehicle accidents
- 2D and 3D animation
- Investigation of over 2000 crashes since 1997

### EXPERT WITNESS EXPERIENCE

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- Testified as an expert in traffic crash reconstruction in Florida's 6<sup>th</sup>, 10<sup>th</sup>, 13<sup>th</sup>, 15<sup>th</sup>, & 18<sup>th</sup> Circuits.
- Testified as an expert in The Supreme Court of the Commonwealth of the Bahamas.
- Testified as an expert in the Grand Court of the Cayman Islands.

### ACADEMIC BACKGROUND

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- A.A. Degree from St. Petersburg Junior College
- B.S. Degree from Florida Gulf Coast University
- M.P.A. Degree from American Military University
- Doctor of Criminal Justice (*in progress*) Saint Leo University

- At Scene Traffic Accident/Traffic Homicide Investigation
- Advanced Traffic Accident Investigation
- Inspection & Investigation of Commercial Motor Vehicle Crashes
- Investigation of Motorcycle Crashes
- Scene Mapping Using Speed Lasers
- Pedestrian/Bicycle Crash Investigation
- Vetronix CDR Tool – User Certification Course
- Bosch Full CDR Technician
- Traffic Crash Reconstruction
- Computerized Collision Diagramming
- Crash Zone Software
- Advanced Crash Zone Software
- Human Factors in Traffic Crash Reconstruction
- DUI Standardized Field Sobriety Testing
- Advanced Roadside Impaired Driving Enforcement
- Visual Statement Basic/Advanced Diagramming & Animation
- ARC-CSI Crash Conference: 2008, 2009, 2012
- Successfully completed the examination for the Accreditation Commission for Accident Reconstruction (ACTAR), an 8 hour exam designed to qualify experienced accident reconstructionists on an international basis. This commission is sponsored by all of the professional accident reconstruction organizations in North America. This exam was written April 2008 at the University of North Florida.
- Photomodeler training for collision reconstruction
- Special Problems in Traffic Crash Reconstruction: 2008, 2010, 2013, 2015
- Symposium on Traffic Safety: 2018
- Occupant Kinematics
- Instrumentation & Testing for Crash Reconstruction
- ARAS 360 HD Advanced Computer Diagramming & Animation for Incident Reconstruction
- Event Data Recorder Use in Traffic Crash Reconstruction
- World Reconstruction Exposition: 2016
- DWI Detection and Standardized Field Sobriety Testing (SFST) Instructor Development
- Medical Foundations of Visual System Testing
- Certified Drug Recognition Expert #29028
- Drug Recognition Expert Instructor Course

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**PROFESSIONAL WORK EXPERIENCE**

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- Adjunct Faculty – Florida Public Safety Institute, Tallahassee Community College, 2020-Present
- Adjunct Faculty – Institute of Police Technology and Management, University of North Florida, 2019-Present
- Owner/Senior Reconstructionist - D.A. Nugent Reconstruction, LLC, 2008-Present
- Police Officer & Traffic Homicide Investigator – Clearwater (FL) Police Department, 1997-Present

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**FLORIDA DEPARTMENT OF LAW ENFORCEMENT CERTIFICATIONS**

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- Basic Law Enforcement Officer
- RADAR Operator
- LASER Operator
- Breath Test Operator
- Agency Inspector
- Investigative Interview
- FCIC Operator
- General Instructor
- Vehicle Operations Instructor

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**ADDITIONAL CERTIFICATIONS & SKILLS**

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- Vetronix Crash Data Retrieval System
- Advanced Collision Diagramming/3D Animation
- Certified Quickmap Operator
- FEMA National Response Plan
- FEMA Basic Incident Management System
- FEMA National Incident Management System
- Basic Police Motorcycle Operator
- Standardized Field Sobriety Testing Refresher
- LTI Angle Encoder System & HP48 Data Collector System
- NIKON Total Station System
- Accelerex HD3800 Vehicle Performance Testing System
- Trimble Recon Handheld

- MFX Total Station Interface Software
- FARO Scanner & Scene Software
- Licensed Private Investigator #C 1500129 & #A 1500092
- FAA Remote UAS Pilot

PROFESSIONAL ASSOCIATIONS

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- The Accreditation Commission for Traffic Accident Reconstructionists (ACTAR), #1999
- The Society of Accident Reconstructionists
- National Association of Traffic Accident Reconstructionists and Investigators, #481
- National Association of Professional Accident Reconstruction Specialists, #33123