



Curriculum Vitae

Patrick C. Griffore, M.S.

Forensic Consultant



Professional Profile

Mr. Griffore is a Forensic Consultant with Focus Forensics LLC, specializing in field investigations, data collection, vehicle and scene documentation, electronic data retrieval, and inspections of vehicular and roadway systems. He has a strong background in quantitative analysis and data collection. Mr. Griffore holds B.S. and M.S. degrees, and has over 10 years of experience with project management, data collection and analysis, commercial trucking, construction management, and the study of human behavioral interaction with systems.

Mr. Griffore utilizes cutting edge technology to capture evidence and preserve electronic information, including FARO 3D laser scanning, Total Station laser mapping, Bosch CDR vehicle download system, commercial vehicle Engine Control Module (ECM) data extraction systems, unmanned aerial vehicle (UAV) mapping and imagery, speedometer inspection, forensic photography, photogrammetry, and traffic signal data documentation. Mr. Griffore has been trained in the identification and documentation of evidence related to all forms of transportation, including motor vehicles, tractor-trailers, work equipment, motorcycle, bicycles, pedestrians, and other modes of travel. He has experience in gathering and researching roadway related data such as traffic control devices, highway construction work zones, and roadside safety projects.

Licensure and Professional Certification

Certified Bosch Crash Data Retrieval (CDR) Technician

Remote Pilot – Small Unmanned Aircraft System

Federal Aviation Administration

MINNEAPOLIS
ORLANDO
SALT LAKE CITY
TALLAHASSEE
TAMPA
WEST PALM BEACH

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Tampa Office

133 E 143rd Avenue

Tampa, FL 33613

Education

Master of Science

The University of Tampa

Tampa, Florida

Bachelor of Science

Palm Beach Atlantic University

West Palm Beach, Florida

Work Experience

Focus Forensics, LLC

Consultant: 2016-Present

DTCC

Assets Services Client Support

Specialist: 2014-2016

CitiGroup

Operations/Investigations Analyst:

2011-2014

Church Street Capital

Proprietary Trader: 2010-2011

Marriott International

Front Office Service Analyst: 2008-

2010

Bluegrass Construction

Project Manager: 2006-2008



Professional Development

Collision Safety Institute / ARC

- Annual Crash Conference and Full Scale Crash Testing, 2017

Drone Launch Academy

- FAA Part 107 Remote Pilot Exam Prep Course, 2017

Focus Forensics, LLC

- Transportation Engineering and Accident Reconstruction Insights, 2022
- Transportation Engineering and Accident Reconstruction Insights, 2024
 - Human Factors for Driver Response
 - Traffic Signal Design and Operation
 - Transportation Engineering Sight Distance Standards
 - Automotive Mechanical Systems and Data Acquisition
 - Photogrammetric Methods
 - Video Analysis with Telemetry Data
 - LIDAR Scanning and Data Processing
 - Virtual Crash Applications for Simulation and Animation
 - PC Crash Applications for Steering and Yaw Rate
 - Expert Testimony Regulations and Standards
 - Commercial Vehicle EDR Data Extraction and Analysis
 - Vehicle EDR Systems for Toyota and General Motors
- Transportation Engineering and Accident Reconstruction Insights, 2025
 - EDR Extraction and Analysis Methods for Video Radar Decision Units (VRDU)
 - Acquisition and Analysis Methods for Temporary Roadway Conditions
 - LIDAR Scanning and Data Processing
 - Air Brake Testing Standards and Techniques
 - Heavy Vehicle EDR Extraction and Analysis Methods
 - Drone Mapping Techniques and Processing
 - Data Processing and Analysis with Cloud Compare
 - Photogrammetry Software Methods and Techniques

- Technology for Capturing Photo/ Video Demonstratives of Available Driver Views
- Telemetry Overlay Software Techniques and Processing
- VCrash Animations and Simulations for Pedestrian and Bicycle Collisions
- Monte Carlo Statistical Analysis for Uncertainty Ranges
- Human Factors Analysis of Road User Detection and Response
- Transportation Engineering Design and Limitations for Micromobility Vehicles on Sidewalks
- EDR Vehicle Yaw and Steering Data Simulation, Analysis and Modeling
- Contextual Evaluation of Slow-Moving Lead Vehicle Scenarios and Looming Calculations
- Comprehensive Context Points for Collision Reconstructions

Lightpoint Scientific, LLC

- Motorcycle Collision Reconstruction, 2018
- Advanced Photogrammetry for Collision Reconstruction, 2019

Institute of Police Technology and Management (IPTM)

- Bosch Crash Data Retrieval (CDR) Tool Technician Course, 2017

Northwestern University Center for Public Safety

- Crash Investigation 1, 2016
- Crash Investigation 2, 2016
- Traffic Crash Reconstruction 1, 2018
- Traffic Crash Reconstruction 2, 2019

Society of Automotive Engineering (SAE)

- Accessing and Interpreting Heavy Vehicle Event Data Recorders, 2018
- Vehicle Crash Reconstruction: Principles and Technology, 2019
- Accident Reconstruction, The Autonomous Vehicle and ADAS, 2020
- Fundamentals of Vehicle Dynamics, 2021
- Advanced Applications of Heavy Vehicle EDR Data, 2023



Professional Development Continued

Virtual Crash

- Collision Simulation and Reconstruction, 2021

World Reconstruction Exposition (WREX)

- World Reconstruction Exposition (WREX),
2023