



MINNEAPOLIS
ORLANDO
SALT LAKE CITY
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TAMPA
WEST PALM BEACH

Please Respond to
Administrative Address:
133 East 143rd Avenue
Tampa, FL 33613

Curriculum Vitae

Christian J. Salamone, EI
Forensic Consultant



Professional Profile

As a Forensic Consultant with Focus Forensics LLC, Mr. Salamone conducts investigations and analyses of collision events, including factors related to vehicles, drivers, and roadway environments. With over 3 years of experience in Forensic Engineering and Collision Reconstruction assignments, he applies his passion for vehicular collision reconstruction and his Civil Engineering education and experience to the data collection, modeling, and analytical understanding of dynamic vehicular incidents. His practice includes the evaluation of issues related to all types of transportation users, including automobiles, pedestrians, bicycles, motorcycles, commercial vehicles, transit, highway-rail grade crossings, and work zone temporary traffic control. He is active in the fields of vehicle dynamics, collision reconstruction engineering methodologies, and applications of new technology to the understanding of human, vehicular, and roadway factors in transportation safety.

His role includes field investigations, data collection, vehicle and scene documentation, electronic data retrieval, and inspections of vehicular and roadway systems. He has experience in gathering and researching roadway related data such as traffic control devices, highway construction work zones, and roadside safety projects. Mr. Salamone 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. He also incorporates the latest developments in engineering software, modeling, physics calculation methods, and rigorous analytical tools for evaluation of a wide variety of collision scenarios. Mr. Salamone is skilled in forensic diagramming and 3-D modeling for the analysis and demonstrative visual communication of engineering concepts.

Contact Information

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Christian@focusforensics.com

West Palm Beach Office

2656 Greenway Drive
Jupiter, FL 33458

Education

Bachelor of Science in Civil
Engineering
University of Central Florida
Orlando, Florida

Work Experience

Focus Forensics, LLC
Consultant: 2023-Present

EPIC Forensics & Engineering
Engineering Analyst: 2021-2023

Kimley-Horn and Associates
Intern: 2018-2021



Licensure and Professional Certification

Engineering Intern

Florida Board of Professional Engineers

Certified Bosch Crash Data Retrieval (CDR) Technician

Remote Pilot – Small Unmanned Aircraft System

Federal Aviation Administration

Professional Memberships

- American Society of Civil Engineers
- NAPARS, Member

Professional Development

Crash Data Group

- How to Perform a CDR Direct-to-Module Download, 2023
- How to Use the Bosch CDR Pro Tool Kit, 2023

Florida Department of Transportation (FDOT)

- FDOT Airfield Pavement Inspection Training (FDOT #BT-10-0004), 2022
- FDOT Airfield Pavement Distress Repair Training (FDOT #AT-10-0003), 2022

Focus Forensics, LLC

- 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

NAPARS

- Nighttime Crash Scene Investigation, 2024
- Determining Vehicle Speed from An Audio Recording, 2024