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

Curriculum Vitae

Keith D. Nickols

Forensic Consultant



Professional Profile

Mr. Nickols is a Forensic Consultant with Focus Forensics LLC, bringing over 17 years of experience in the fields of Automotive Systems, Mechanical Systems, Vehicle Dynamics, Accident Reconstruction, Scene Investigations, Vehicle Inspections, Mechanical Engineering, and Forensic Engineering support tasks. His specialized knowledge and expertise in vehicle components and systems is extensive, both from his automotive technician experience and his accident reconstruction forensic engineering background.

While completing his Mechanical Engineering degree studies, Mr. Nickols provides support to the engineering staff at Focus Forensics through a wide variety of tasks including vehicle inspections, roadway documentation, identification and analysis of physical evidence, forensic diagramming and 3D modeling using leading engineering software packages, and the application of proven scientific methodologies and advanced technology for evaluation of the vehicular, roadway, and driver factors in collision scenarios. He has also attended multiple technical schools for automotive repair, and extensive background in automotive diagnosis and repair.

Licensure and Professional Certification

Certified Bosch Crash Data Retrieval (CDR) Technician

Remote Pilot – Small Unmanned Aircraft System

Federal Aviation Administration

Contact Information

Cell: (561) 831-9760

Keith@focusforensics.com

Tampa Office

133 E. 143rd Avenue

Tampa, FL 33613

Education

B.S Program in Mechanical

Engineering (in progress)

University of Alabama

Tuscaloosa, Alabama

A.A. Degree

Florida Southwestern State College

Fort Myers, Florida

Technical Degree

BMW STEP, Automotive

Woodcliff Lake, New Jersey

Technical Degree

Universal Technical Institute

Exton, Pennsylvania



Work Experience

Focus Forensics, LLC
Consultant: 2023-Present

Fischer Forensics Engineering
Accident Reconstruction Technician: 2016-2023

Mintech
Automotive Technician: 2010-2012

Naples Luxury Imports
General Technician: 2010

Mini of Fort Myers
Shop Foreman: 2009-2010

BMW of Fort Myers
Automotive Technician: 2006-2009

Professional Development

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

Institute of Police Technology and Management (IPTM)

- Symposium of Traffic Safety, 2017
- Bosch Crash Data Retrieval (CDR) Tool Technician Course, 2018

Lightpoint Scientific, LLC

- Advanced Photogrammetry for Collision Reconstruction, 2019
- Point Clouds in Collision Reconstruction, 2022

MEA Forensics

- PC-CRASH Essentials, 2017

Northwestern University Center for Public Safety

- Traffic Crash Reconstruction 1, 2024

PhotoModeler Technologies

- PhotoModeler for Collision Investigation, 2023