SEAN G. SNYDER, BSPhy, CFVT

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Professional Competence

Accident reconstruction of automobiles, commercial/industrial vehicles, motorcycles, bicycles, and pedestrians. Subspecialties include forensic video acquisition and analysis, photogrammetry, event data recorder imaging and analysis, computer simulations, and 3D animations.

Education and Certification

Bachelor of Science, Honors in Physics, Cum Laude
- California State University, Northridge, 2016

Accident Reconstruction Certificate
- Society of Automotive Engineers, 2023

Certified Forensic Video Technician (CFVT)
- Law Enforcement and Emergency Services Video Association International, Inc., 2021-present

FARO Focus 3D Scanner Certification
- FARO, 2018

Training

Crash Data Group
- CDR Technician; 2017

Crash Safety Solutions
- Human Factors in Traffic Crashes & Analysis of Drivers' Responses; 2021

Engineering Dynamics Corporation
- HVE Forum; 2018

FARO
- Laser Scanner; 2017

iNPUT-Ace
- Certified Operator; 2022
- Video Evidence Training Symposium; 2022

Law Enforcement and Emergency Services Video Association International, Inc. (LEVA)
- LEVA's 34th Digital Multimedia Evidence Training Symposium; 2023

Effective January 2024

- Level 3: The Principles of Forensic Video/Image Compare and Contrast; 2022
- Level 2: Digital Multimedia Evidence Processing; 2021
- Level 1: Forensic Video Analysis & the Law; 2019

MEA Forensic Engineers & Scientists
- PC-Crash: Looking at the Results; 2017
- PC-Crash: Vehicle Control; 2017
- PC-Crash: Collisions; 2017

Society of Automotive Engineers
- Photography for Accident Reconstruction; 2023
- Photogrammetry and Analysis of Digital Media; 2022
- Accident Reconstruction, The Autonomous Vehicle and ADAS; 2020
- Applying Automotive EDR Data to Traffic Crash Reconstruction; 2020
- Fundamentals of Vehicle Dynamics; 2019
- Vehicle Crash Reconstruction: Principles and Technology; 2018

Professional Experience

2021 – Present   <u>Collision and Injury Dynamics, Inc. (Senior Staff Engineer)</u>
Employed as a Forensic Engineer to document, analyze, and reconstruct vehicular accident cases. Assist Senior Consultants in conducting vehicle and scene inspections, documentation, and analysis of forensic data from accident vehicles and accident scenes. Train and assist staff with job related duties related to accident reconstruction and video analysis.

2016 – 2020   <u>Collision and Injury Dynamics, Inc. (Staff Engineer)</u>
Supports analysis, reconstruction, and presentation of results of vehicular accident cases. Assist Senior Consultants in conduction vehicle and scene inspections, documentation, and analysis of forensic data from accident vehicles and accident scenes.

Presentations

American Academy of Forensic Sciences
- Body-Mounted Camera Motion Analysis – Accuracy and Validation of 3D Camera Match Solutions: by Michael Callahan, Brady Held, and Sean Snyder; 2020

Crash Testing

SATAI
- Glendale Regional Public Safety Training Center, Phoenix, AZ; 2019

Organizations

Society of Automotive Engineers, 2019-present

Law Enforcement and Emergency Services Video Association International, Inc., 2018-present

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