DIAL engineering

Curriculum Vitae

GARY J. CROSHAL

Specialized Professional Competence

Forensic Engineering	Vehicle Dynamics
Accident Reconstruction	Mechanical Testing

Education

Master of Science, Mechanical Engineering,
University of California Los Angeles (2013)
Bachelor of Science, Mechanical Engineering,
University of California Los Angeles (2012)

Professional Experience

Managing Forensic Engineer
Dial Engineering (2014 to present)
Teaching Assistant
University of California Los Angeles (2013)
Engineering Intern
RadiaBeam Technologies (2013)

Registration

Registered Professional Mechanical Engineer (2022)
State of California, #M41423
Traffic Accident Reconstructionist (2019)
A.C.T.A.R., # 3726
Remote Pilot Certification, FAA (2017)
Certified XL Tribometrist (2015-2018, 2022 to present)

Professional Affiliations

Member, American Society of Mechanical Engineers
Member, SAE International
Member, National Association of Professional Accident Reconstruction Specialists
Member, Southwestern Association of Technical Accident Investigators
Member, California Association of Accident Reconstruction Specialists
Member, American Society for Testing and Materials
Committee F13 on Pedestrian/Walkway Safety and Footwear
Member, American Society of Safety Professionals

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Continuing Education

"Foundations of Human Factor and Crash Reconstruction," Driver Research Institute (2026)

CA2RS Fall Conference, California Association of Accident Reconstruction Specialists (2025)

"Symposium on EDR Research and Training," National Association of Professional Accident Reconstruction Specialists (2025)

"World Reconstruction Exposition (WREX)," (2023)

"IDRR Software Training," Driver Research Institute (2022)

CA2RS Fall Conference, California Association of Accident Reconstruction Specialists (2022)

"CXLT Certification Program," Excel Tribometers, LLC (2022)

"Advanced Applications of Heavy Vehicle EDR Data," SAE International (2021)

"Accessing and Interpreting Heavy Vehicle Event Data Recorders," SAE International (2021)

"Drones: New Regulations and Best Way to Get Licensed," CA2RS 2nd Quarter Virtual Training Webinar (2021)

"Chip-Level Data Recovery: Understanding the Techniques," NAPARS Joint Conference (2020)

"Considering Tires in your Investigation," NAPARS Joint Conference (2020)

"Virtual CRASH: Use and Applications," vCRASH, Americas, Inc. (2019)

"HVE Forum," Engineering Dynamics Corp. (2019)

"Traffic Crash Reconstruction 2," Northwestern University Center for Public Safety (2018)

"Traffic Crash Reconstruction 1," Northwestern University Center for Public Safety (2018)

"UAS Flight Training and Ground School and Introduction to Pix4D," Forensic Mapping Solutions, Inc. (2017)

ARC-CSI Crash Conference, Accident Reconstruction Communications Network/Collision Safety Institute, crash test team member and conference attendee (2017)

"World Reconstruction Exposition (WREX)," (2016)

"HVE Forum," Engineering Dynamics Corp. (2015)

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Continuing Education

"CXLT Certification Program," Excel Tribometers, LLC (2015)

"CDR System Operators Class," Crash Data Specialists (2014)

"CDR Analysis and Applications," Crash Data Specialists (2014)

"HVE Forum," Engineering Dynamics Corp. (2014)

Instructional Training Delivered

"Advanced HVE - SIMON Case Studies," HVE Forum (2024)

"Head-to-Head Comparison: HVE versus Virtual CRASH 5," CA2RS Webinar Training (2024)