

Curriculum Vitae

IAN SEABURY

Specialized Professional Competence

Forensic Engineering
Accident Reconstruction

Vehicle Dynamics
Mechanical Testing

Education

Bachelor of Science, Mechanical Engineering,
University of California Santa Barbara (2012)

Professional Experience

Managing Forensic Engineer
Dial Engineering (2016 to present)
Project Engineer
Applied Silicone Corporation, Santa Paula, CA (2012 to 2016)
Network Consultant
ResNet, UCSB Housing Information Services, Santa Barbara (2009 to 2012)

Registration

Registered Professional Mechanical Engineer (2021)
State of California, #M40520
Remote Pilot Certification, FAA (2017)
Certified XL Tribometrist (2022)
Certified Forensic Video Technician, LEVA Inc. (2023)
Traffic Accident Reconstructionist (2025)
A.C.T.A.R., #5201

Professional Affiliations

Member, SAE International
Member, American Society of Mechanical Engineers
Member, National Association of Professional Accident Reconstruction Specialists
Member, ASTM International
Committee F13 on Pedestrian/Walkway Safety and Footwear
Member, American Society of Safety Professionals
Member, California Association of Accident Reconstruction Specialists

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Continuing Education

- "LEVA Level 3: Scientific Method in Forensic Video Analysis," (2026)
- "EDR User Summit," Crash Data Group (2026)
- "Crash - Applicability - Accuracy - Special Situations", CA2RS (2026)
- "Symposium on EDR Research and Training", National Association of Professional Accident Reconstruction Specialists (2025)
- "Speed Determination from Audio Analysis", CA2RS (2025)
- "Accessing and Interpreting Heavy Vehicle Event Data Recorders," SAE International (2021)
- "ME4500: Biomechanics", Cal State University, Los Angeles, (Fall 2023)
- "LEVA Level 2: Digital Multimedia Evidence Processing," (2023)
- "LEVA Level 1: Forensic Video Analysis & The Law," (2023)
- California Superbike School, Level 1 (2023)
- "World Reconstruction Exposition (WREX)," (2023)
- "CXLT Certification Program," Excel Tribometers, LLC (2022)
- "I.DRR User Forum," Crash Safety Solutions, LLC (2022)
- "Venomous Handling," Level 1, Rattlesnake Conservancy (2022)
- "Accessing and Interpreting Heavy Vehicle Event Data Recorders," SAE International (2021)
- "Advanced Applications of Heavy Vehicle EDR Data," SAE International (2021)
- "Perception-Response Times for Various Crash Types" Seminar, NAPARS Joint Conference (2020)
- "Virtual CRASH: Use and Applications", vCRASH, Americas, Inc. (2019)
- "HVE Forum," Engineering Dynamics Corp. (2019)
- "Forensic Video Analysis Workflow Training", Input-Ace (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)

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Continuing Education (cont.)

"Crash Data Retrieval Data Analyst," Collision Safety Institute (2016)

"Crash Data Retrieval Technician," Level 1 and Level 2, Collision Safety Institute (2016)

"HVE Forum," Engineering Dynamics Corp. (2016)

Publications

"Vehicle Energy Dissipation during Curb Traversal," SAE Technical Paper 2022-01-5002, January 2022. (with E. Deyeri)

NOT RETAINED