



Steven Young

BSME PE

Project Engineer

contact

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📞 949.616.6486

📍 Los Angeles

expertise

Collision Reconstruction

Steven Young is a Project Engineer in the Collision Reconstruction group of MEA Forensic's Los Angeles office. He investigates accidents ranging from rear-enders, intersection crashes, traffic light disputes, and even pedestrian collisions.

Steven holds a Bachelor of Science from the University of California, Irvine. "What I learned about research in school has transferred into my role at MEA. Testing hypotheses, citing scientific literature, and analyzing evidence – it all translates very well." Steven has quickly become involved in research at MEA. He was the lead author of a study that looked into how braking decreases the height of a car's front bumper, an issue that comes up when assessing bumper alignment in a collision.

In addition to applying fundamental physics principles to the accidents that he investigates, Steven uses specialized computer software to simulate events, interrogate video and download black box data from cars. He has quickly become a valuable member of the team. "I enjoy balancing priorities and deadlines, and working on a mission to be impartial and to 'let the evidence speak'."

education

Bachelor of Science (Summa Cum Laude), Mechanical Engineering, University of California, Irvine, 2022

professional status

Registered Professional Engineer, State of California, December 20, 2024. License number M 42547

professional associations

Society of Automotive Engineers (SAE), since 2024.



professional experience

MEA Forensic Engineers & Scientists

Project Engineer, October 2022 to present

Support technical investigations in motor vehicle accident reconstruction. Perform on-site inspections and conduct detailed vehicle examinations to support analyses including severity assessment, collision sequence, vehicle speed, vehicle dynamics, and accident-avoidance potential.

Willdan

Analyst I, Internship, July to September 2019

Summer Intern, July and August 2017

Conducted comprehensive analyses for an engineering firm offering project management services in civil engineering and energy sectors. Utilized database research and interviews to compile a detailed portfolio of the company's Smart Cities Capabilities for internal strategic planning. Collected and evaluated data, performed technical calculations, and interpreted engineering drawings and structural measurements.

publications

Front Bumper Dive During Maximum Braking of ABS-Equipped Vehicles

training and professional development

November 18-19, 2025 – Electric Vehicle Safety and Vehicle Mechanical Inspection Training, Centennial College, Toronto, ON.

September 9, 2025 – Smart Cycling Complete Course, The League of American Bicyclists, Laguna Hills, CA.

October 22-25, 2024 – Accessing and Interpreting Heavy Vehicle Event Data Recorders, SAE International, Fontana, CA.

September 11-15, 2023 – Event Data Recorder Use in Traffic Crash Reconstruction Level II, Institute of Police Technology and Management, Irvine, CA.

May 8-12, 2023 – Event Data Recorder Use in Traffic Crash Reconstruction Level I, Institute of Police Technology and Management, Irvine, CA.

February 23-24, 2023 – PC-Crash live training: Expert Skills Workshop, Rancho Santa Margarita, CA.

October 31 – November 4, 2022 – EDC Reconstruction Course, Engineering Dynamics Company, Online.
