



Edward Milich

Senior Accident Reconstructionist

Department

Accident Reconstruction & Forensic Animation

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Locations

San Francisco, CA

Los Angeles, CA

Biography

Mr. Milich has been a California-licensed Professional Mechanical Engineer for over two decades. He works primarily in vehicle dynamic analysis of motorcycles, automobiles, and heavy trucks. He specializes in Modal and Fourier Transform Analyses, Finite Element Analysis, and Data Acquisition. Milich was also previously a mechanical analyst for an electric vehicle startup, Enova Systems. Mr. Milich has supported legal clients with vehicle-related expert witness support for over a decade through his own firm. Mr. Milich joined the YAES team in 2024.

Mr. Milich has served on the Society of Automotive Engineers Motorcycle Safety Committee for over 20 years.

Credentials

- Professional Engineer

Professional Experience

- 2024 - Current | Senior Accident Reconstructionist | YA Engineering Services
- 2005 - 2024 | Principal Engineer | EPM Engineering
- 2003 - 2009 | Senior Research & Development Engineer | Measurement Analysis Corporation
- 2001 - 2003 | Technical Staff-Mechanical Engineer | Enova Systems, Inc.
- 2000 - 2001 | Staff Engineer | Dynamic Research, Inc.
- 1998 - 1999 | Graduate Research Associate | National Highway Traffic Safety Administration/Vehicle Research and Test Center

Publications and Presentations

- 2005 - An Investigation and Validation of a Finite Element Model for the Study of a Small Format Magnetic Tape Vacuum Column" A.S.M.E Paper # WTC 2005-63887 Milich, Edward P.
- 2001 - A Validation Study of Vehicle Dynamics Simulations for Heavy Truck Handling Maneuvers", S.A.E. paper #2001-01-0139 Milich, E. P., Fife, N. F., Guenther, D. E.

Education

- The Ohio State University - Master of Science - Mechanical Engineering, Vehicle Dynamics - Columbus - Ohio
- The Ohio State University - Bachelor of Science - Mechanical Engineering - Columbus - Ohio

Affiliations

- Society of Automotive Engineers Motorcycle Technical Committee Member
- Pi Tau Sigma Mechanical Engineering Honor Society Member

Licenses

- 32551 - California - Professional Engineer
 - Road Racing Licenses - W.S.M.C., A.H.R.M.A., A.F.M.
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