3D Forensic, Inc.
Forni Dr., Suite C,
Concord, CA 94520 USA

Jason Fries *Curriculum Vitae*

Summary

Jason Fries is a forensic expert witness currently serving as CEO and Lead Forensic Expert at 3D Forensic Inc. With 25+ years of experience, Mr. Fries is an expert across multiple forensic disciplines, including:

- Forensic Animation
- Medical Animation
- 3D Video Analysis
- Laser Scanning
- Laser-Based Photogrammetry
- Nighttime Visibility
- Field-of-View Analysis
- Human Factor in Use-of-Force Cases
- Shooting Reconstruction (including Officer-Involved Shootings)
- Ballistic Trajectory Analysis

Mr. Fries has worked on more than 5,000 civil and criminal cases, partnering with prosecution, plaintiff, and defense teams to deliver precise, scientifically grounded forensic reconstructions. He has maintained a 100% admissibility record for courtroom animations for 20 years and continues to produce industry-leading forensic analyses and visualizations recognized nationwide.

He is the inventor of Laser-Based Photogrammetry, a method for extracting 3D measurements from 2D imagery, and was among the first to introduce forensic laser scanning and computer-generated 3D reconstructions into U.S. courtrooms. Mr. Fries also helped develop the first computer-generated animations accepted in Santa Clara Superior Court and the Superior Court of Hawaii.

Mr. Fries has advanced Officer-Involved Shooting (OIS) analysis by integrating 3D visualization, advanced video analysis, and human factors expertise. A graduate of the Force Science Institute's highest-level certification program, he continues to collaborate with leading academics to refine techniques in nighttime video analysis and driver's-eye view reconstruction.

A certified pilot (Single-Engine Land and Multi-Engine Land), Mr. Fries also founded and continues to develop the field of mathematically based nighttime visibility analysis, an expertise he has refined over the past decade.

Professional Experience

3D Forensic, Inc. | *CEO, 2012-Present*
Founder and Chief Executive Officer responsible for setting standards and innovation in forensic reconstruction. Leads case analyses, testifies in court, and oversees all technical operations. Mr. Fries' work through 3D Forensic has established new industry standards in OIS reconstruction and nighttime visibility analysis by integrating advanced forensic technologies with subject expertise.

Precision Simulations, Inc. | *President, 2010-2012*
Managed operations, introduced new forensic technologies, ensured quality control for all productions, and testified as expert witness.

Precision Simulations, Inc. | *Senior Vice President, CTO 2002-2010*
Invented and implemented forensic laser scanning techniques for rapid, precise scene capture. Through this endeavor, PSI became the first company to have a computer-generated 3D reconstruction admitted into court in California and Hawaii.

Precision Simulations, Inc. | *Director of 3D Visualizations, 1998-2002*
Led animation and visualization teams, ensuring scientific accuracy and effective courtroom presentation. Provided consulting on human factors and technical analysis.

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Affiliations

- **ACCTLA:** Alameda-Contra Costa Trial Lawyers Association
- **ABA:** American Bar Association
- **BASF:** Bar Association of San Francisco
- **CAOC:** Consumer Attorneys of California
- **CAALA:** Consumer Attorneys Association of Los Angeles
- **FEWA:** Forensic Expert Witness Association
- **IRWA:** International Right of Way Association
- **SFTLA:** San Francisco Trial Lawyers Association
- **SFES:** The Society of Forensic Engineers and Scientists
- **WTLA:** Western Trial Lawyers Association

Education and Certifications

San Diego State University - B.S. in Biology (Focus in Physics and Chemistry)

Force Science Institute - Advanced Specialist and Force Science Certification*

Law Enforcement & Emergency Services Video Association - Basic Forensic Video Analysis and the Law

California State Bar Association - California Minimum Legal Education Certified

California Bureau of Real Estate Appraisers - Certified

Private Pilot Certificate (PPL) - *Active*

**Invited lecturer throughout career*