



Alex Bevan

Forensic Animator

Principia Engineering, Inc.
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Experience

Alex Bevan specializes in 3D modeling, forensic animation, photogrammetry, visibility study, line of sight issues, laser scanning, drone photography, and mapping operations. Mr. Bevan has over a decade of experience producing accurate animations, video and exhibits for trial and mediation. Mr. Bevan is a pioneer in remote control aerial photography and video with over 13 years of safe UAV operations.

Relevant Skills

- Video analysis
- Drone Operations
- Photogrammetry / videogrammetry
- 3D modeling and animation
- Photography and video production
- Laser scanning
- Photo modeling

Education and Credentials

- Member: Society of Forensic Engineers and Scientist (SFES)
- FAA Part 107 Remote Pilot Airman Certification
- Advanced Photogrammetry for Collision Reconstruction, 3 Day Course, October 2017
- Platoon Leaders Course, United States Marine Corps, 2011
- GE, Photography and Engineering, West Valley College, 2008 – 2011
- Multi Media, Central County Occupational Center, 2008
- Video Production, Central County Occupational Center, 2007

Publications

“The San Francisco Zoo Tiger Escape and Attack: 3D visualization is used to reconstruct the escape and attack”

The Plaintiff and Advocate Magazine, August 2009 (with George Mendoza)

Presentations

“Safety First: Using Drones for Scene Surveying and Simulation Environments”

Society of Forensic Engineers and Scientists – Monterey, CA 2018

“Optical and Laser Scanning Comparison (Accuracy, acquiring data, processing data, and costs)”

Society of Forensic Engineers and Scientists – Berkeley, CA, 2017

“Innovative Tools for Business and Forensic Applications”

Forensic Expert Witness Association – San Francisco, CA, 2010

“A physics-based lighting study & imaging-based lighting with HDR images”. HDRI movie shorts “The Parthenon” & “Fiaxlux”

Society of Forensic Engineers and Scientists – Hyatt Vineyard Creek Hotel, Santa Rosa, CA, 2008

“Police Chase and Fatal Shooting in Fresno, California”

Society of Forensic Engineers and Scientists – Furnace Creek Inn, Santa Rosa, CA, 2008

“Demonstrating the Use of Remote Controlled Helicopter and Robotic Controlled Video Camera Used to Record an Accident Site”

Society of Forensic Engineers and Scientists – Hayes Mansion, San Jose, CA, 2006

