

KATHLEEN PITTMAN



Specialized Professional Competence

Forensic visualization and the creation of demonstrative exhibits. 3D animation including modeling, lighting, rendering, and incorporation of data from simulation, laser scanning, aerial photogrammetry, finite element analysis, GIS, calculation, and motion capture. Photo/video analysis, photogrammetry, and reverse camera projection. Graphic design and illustration. Production of interactive applications for onscreen viewing as well as virtual reality.

Background and Professional Honors

B.S. (Media Arts and Animation), Art Institute of Philadelphia
P.S.M. (Forensic Science), Arizona State University

Forensic Visualization Specialist,
Talas Engineering, Inc.
Visual Communication Manager,
Exponent, Inc. Menlo Park, CA
Multimedia Supervisor,
Exponent, Inc. Menlo Park, CA
Senior Multimedia Artist,
Exponent, Inc. Phoenix, AZ
Multimedia Artist,
Exponent, Inc. Natick, MA
Multimedia Technician,
Exponent, Inc. Philadelphia, PA

Autodesk Certified Professional, 3DS Max

Professional Activities & Memberships

Member, Association for Computing Machinery's Special Interest Group on Computer Graphics and Interactive Techniques (SIGGRAPH)

Selected Publications and Presentations

"Now You See It: Photogrammetry for Analysis and Visualization," Exponent Live Webinar, Washington Defense Trial Lawyers, 2021.

“Combining 3D Tools: Laser Scanning and Photogrammetry for Accident Reconstruction and Biomechanical Analysis” Presentation, SPAR International 3D Measurement and Imaging Conference (Houston, TX) 2015.

“Using 3D Techniques for Analysis and Demonstration,” Presentation, Defense Research Institute Product Liability Conference (San Diego, CA) 2011.