

As a Senior Technologist at Engineering Systems Inc. (ESi), Mr. Brummett develops 3D animations and immersive virtual reality environments for demonstrative aids and litigation exhibits. His work combines technical precision with visual clarity to support expert analysis and courtroom presentations.

Prior to joining ESi in 2022, Mr. Brummett spent more than 20 years as an Animator, Illustrator, and Graphics Director with leading Colorado firms. His experience spans photography, videography, 3D architectural renderings, and visual effects for film.

Since joining ESi, Mr. Brummett has actively supported forensic investigations by emphasizing data acquisition and preservation. He integrates information from survey instruments, security video, unmanned aerial systems (drones), and other sources into technically accurate visualizations. In collaboration with ESi colleagues, he has developed visualizations of incidents involving automotive systems, railroads, elevators, structural components, and fire events—creating clear, reliable demonstrative aids for litigation and technical analysis.

Education

BAS, ITT Technical Institute, 1996

Positions Held

Engineering Systems Inc., Aurora, Illinois

- Senior Technologist, 2022 - Present

Colorado Digital Arts Inc., Denver, Colorado

- Principal, 2019 - 2022

Ponderosa Associate Limited, Lafayette, Colorado

- Graphics Director, 2017 - 2019

Fay Engineering Corporation, Denver, Colorado

- Senior Animator, 2011 - 2016

OZ Architecture, Denver, Colorado

- 3D Illustrator, 2007 - 2011

Contact Information

jabrummett@engsys.com

(719) 355-1512

ESi Denver

7265 South Revere Parkway
Suite 903, Centennial, CO 80112

Areas of Specialization

- 3D Printing
- Accident Reconstruction
- Character Animation
- Forensic Animation
- Motion Capture
- Real-time Visualization
- Site Survey
- Virtual Reality

Camp Dresser & McKee, Inc. (CDM Smith), Denver, Colorado

- Senior CAD Technologist, 2005 - 2007

National CineMedia (NCM), Centennial, Colorado

- Senior Animator, 2003 - 2005

Parsons Brinkerhoff (WSP), Centennial, Colorado

- Senior Animator, 2000 - 2003

Colorado Digital Arts Inc., Denver, Colorado

- Principal, 1996 – 1999

GW Hannaway & Associates, Boulder, Colorado

- Maya Software Trainer, 1997 – 2003

Professional Affiliations/Honors

Rocky Mountain 3D Users Group

- President, 1996 - 2002