CURRICULUM VITAE

Jeffrey Dawe, CFI, MCSFS

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EXPERT SUMMARY

Jeffrey Dawe is a forensic analysis professional specializing in collision reconstruction and digital media analysis, with a background rooted in forensic video, imaging, and evidence integrity. His work focuses on extracting, analyzing, and interpreting digital evidence to support accurate, science-based conclusions in investigative and legal contexts. Over the past decade, he has developed experience in video enhancement, evidence tracking, courtroom preparation, and multidisciplinary forensic collaboration, supporting insurance, and legal professionals across Canada. Jeffrey maintains memberships with several professional forensic associations, including the Chartered Association of Forensic Sciences, the Canadian Society of Forensic Sciences, and the Association of Certified Forensic Investigators.

SPECIALIZED PROFESSIONAL COMPETENCIES

- Digital Evidence Interrogation and Analysis
- Collision Reconstruction

ACADEMIC BACKGROUND

Post-secondary Diploma in Law and Security Administration, Durham College-Oshawa, 2008

Post-graduate Certificate in Advanced Law Enforcement and Investigations, Durham College-Oshawa, 2009

CERTIFICATIONS

Certified Forensic Investigator, Association of Certified Forensic Investigators, November 2020-Present

ADDITIONAL COURSES

- Photogrammetry 1: PhotoModeler and SynthEyes for Forensic Video Analysis, Law Enforcement and Emergency Services Video Association International, October 27-31, 2025 (online)
- Courtroom Testimony for Expert Witnesses, Law Enforcement and Emergency Services Video Association International, June 15-17, 2020 (online)
- Introduction to Forensic Multimedia Analysis, Apex Learning, Las Vegas, NV, February 4-6, 2019

PROFESSIONAL EXPERIENCE

30 Forensic Engineering

Associate, Collision Reconstruction and Digital Media Analysis
2025 – Present, Toronto, ON

- Conduct investigations relevant to Digital Media Analysis, including acquisition, authentication, and analysis of image and video evidence, photogrammetric calculations for height/position assessments, speed calculations, and evidence location

Xpera Risk Mitigation and Investigation

Forensic Video Analyst
2019 – 2023, Markham, ON

- Carried out advanced forensic video processing using sophisticated devices and software, including Amped FIVE, Edius Pro, FTK Imager, MediaInfo, FFprobe, Exiftool, and Audacity.
- Processed crime scene video and audio using tape-based time-lapse video recorders, tape-based audio recorders, computer-based video and audio equipment and software, and other standard audio-video forensic tools and processes.
- Provided forensic video/audio and digital imaging support.
- Attended court to validate images, video, and audio files generated from forensic audio-visual work, and gave evidence regarding these files, and provided oral or documentary evidence related to the HPS CCTV and A/V systems

Media Technician
2015 – 2023, Markham, ON

- Edited and produced all investigator videos obtained in the field using non-linear technology
- Trained new employees in non-linear editing software and media related protocol
- Distributed, tracked, and maintained all video/media related equipment issued to investigators
- Ensured investigators complied with all media related Standard Operating Procedures
- Logged and organized all raw video evidence obtained by investigators in the field
- Prepared court packages for law firms, insurance companies, and corporate clients to be used during arbitration

PROFESSIONAL SOCIETIES AND ASSOCIATIONS

- Canadian Society of Forensic Sciences, 2022-Present
- Chartered Association of Forensic Sciences, 2020-Present
- Association of Certified Forensic Investigators, 2020-Present

PUBLICATIONS AND PRESENTATIONS

- “Forensic Video Analysis,” presentation to the Canadian Association of Special Investigation Units Annual General Meeting, December 10, 2019