DJS associates
Forensic Consulting, Technology & Animations

TIMOTHY R. PRIMROSE, CASA, CFVT
Digital Forensic Analyst

EDUCATION

Bloomsburg University of Pennsylvania – Bloomsburg, PA
Bachelor of Science, 2019
Major: Digital Forensics
Minor: Information and Technology Management

CERTIFICATIONS AND LICENSES

Cellebrite Cloud Data Examiner

Certified Forensic Analyst of Cellular Networks

Cellebrite Certified Operator

Cellebrite Certified Physical Analyst

Cellebrite Advanced Smartphone Analyst

Cellebrite Forensic Evidence Repair Technician

Bosch CDR Technician Certification Training Series: Certified Crash Data Retrieval Specialist – CDR Technician, November 2022

Law Enforcement and Emergency Services Video Association International, Inc. (LEVA): Certified Forensic Video Technician (CFVT)

- Level 1: Forensic Video Analysis and the Law Digital Multimedia Evidence (DME) Fundamentals, Video Compression Theory, Proper Recovery of DME, June 2024
- Level 2: Principles of CCTV Systems, Data Authentication and Integrity Verification, DME Acquisition and Processing Best Practices, Legal Issues with Digital Video, Audio Theory, September 2025

Licensed Remote Pilot, Small Unmanned Aircraft System (Drone)

GESIS Workshops: Using smartphone sensors, apps, and wearables in social science research

PROFESSIONAL MEMBERSHIPS

American Society of Digital Forensics and eDiscovery
Pennsylvania Association of Licensed Investigators (PALI)
Law Enforcement and Emergency Services Video Association International, Inc. (LEVA) Associate Member

TECHNICAL EXPERTISE

Mobile and Smart Device Forensics:

- Mobile Device Data Recovery and Extraction Specialist
- SIM Card, External Storage, and Flash Device Data Extraction and Forensic Cloning
- Password Recovery and Security Bypass
- Data Verification, Validation and Analysis
- Technical Report Writing

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Data File Forensics:

- SQLite Database Design Analysis
- SQLite Database Advanced Query and Data Analysis
- Python-based SQLite Database Analysis
- JSON File Data Analysis

Computer Programming Languages:

- Structured Query Language (SQL)
- Python
- Java
- JavaScript Object Notation (JSON)

Digital Evidence Collection:

- Mass Storage Devices (i.e., Hard Drives, SD Cards, USB Flash Drives)
- Portable GPS
- Wearable Devices (i.e., Apple Watch, Fitbit)
- Tablets
- Unmanned Aerial Vehicles (Drones)
- Passenger Vehicle Event Data Recorders
- 3-Dimensional high-definition laser scans
- Site and Vehicle Documentation

Video Collection & DME Preservation:

- DVR/NVR on-scene acquisition and native export
- DVR/NVR internal drive removal and write-blocked imaging
- Surveillance systems: proprietary player acquisition, export validation, and retention of original folder structure
- Consumer/cloud platforms (Ring, Nest, Arlo, and more)
- Dash cams and fleet/in-vehicle systems (Lytx, Samsara, Motive, Verizon Connect, Smartwitness, and more)
- Body-worn and patrol vehicle video handling

Forensic Video & Audio Clarification

- Motion deblur and frame stabilization
- Aspect ratio and lens distortion correction
- Audio denoise, notch filtering, and targeted speech amplification

PROFESSIONAL EXPERIENCE

Dec 2019 – Present — Digital Forensic Analyst – DJS Associates, Inc., Abington, PA
Utilize the latest technologies, software, and digital forensic methodologies to extract and analyze data from mobile devices and other data storage media; establish methodologies and protocols to facilitate forensically-sound data extractions from damaged devices; recover deleted data, files, and information; summarize observations, conclusions, and opinions; provide expert consultation and testimony.

May 2019 – Dec 2019 — Engineering Research Intern – DJS Associates, Inc., Abington, PA
Technical research; collaborated on the development and optimization of organizational processes and initiatives; technical lead on the design, development, and implementation of new telematic database to facilitate efficient engineering analysis of vehicular collisions; designed, authored, and implemented test protocols and reports.

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PRESENTATIONS

"Cracking the Code: Digital Forensics for Fraud Investigations," Florida Insurance Fraud Education Committee (FIFEC) Annual Educational Conference, Orlando, FL, July 2026

"Decoding Digital Media Evidence in Accident & Injury Claims," Webinar, Abington, PA, June 2026

"Acquisition & Application of Hidden Digital Evidence," PA Insurance Fraud Prevention Authority Conference, Pocono Manor, PA, April 2026

"Acquisition & Application of Hidden Digital Evidence," Webinar, Abington, PA, January 2026

"Acquisition & Application of Hidden Digital Evidence," Northampton County Bar Association and Bar Association of Lehigh County 3rd Annual Fall CLE Conference, Bethlehem, PA, October 2025

"What is Mobile Forensics?" Neshaminy, PA, October 2025

"Utilizing New Vehicle Technology to Reconstruct Collisions," Prominent Law Firm, Philadelphia, PA, October 2025

"Acquisition & Application of Hidden Digital Evidence," Webinar, Abington, PA, August 2025

"Cracking the Code: Mobile Forensics for Fraud Investigations," Florida Insurance Fraud Education Committee (FIFEC) Annual Educational Conference, Orlando, FL, July 2025

"Call Logs & Road Maps: Navigating Cell Phone & Vehicle Data," New Jersey Association for Justice (NJAJ) Boardwalk Seminar, Atlantic City, NJ, April 2025

"Acquisition & Application of Hidden Digital Evidence in Criminal Cases," Pennsylvania Association of Criminal Defense Lawyers (PACDL) 2025 Joint Annual Conference, Harrisburg, PA, April 2025

"Beyond the Black Box: Data for Modern Reconstruction," Montgomery Bar Association (MBA) Delaware Valley Legal Expo, Norristown, PA, April 2025

"Cracking the Code: Mobile Forensics for Fraud Investigations," Thomas Jefferson University, Guest Lecture, Philadelphia, PA, March 2025

"Digital Forensics for Auto Insurance Investigations," Montgomery County Paralegals Association, Webinar, Abington, PA, February 2025

"Cracking the Code: Mobile Forensics for Fraud Investigations," New Jersey Special Investigators Association (NJSIA) Anti-Fraud Insurance Training Seminar, Atlantic City, NJ, October 2024

"What is Mobile Forensics?" Neshaminy, PA, October 2024

"Cracking the Code: Mobile Forensics for Fraud Investigations," International Association for Identification (IAI) Annual Educational Conference, Reno, NV, August 2024

"Investigating Property Claims with Digital Forensics," National Association of Subrogation Professionals (NASP), Webinar, Abington, PA, August 2024

"Cracking the Code: Mobile Forensics for Fraud Investigations," Florida Insurance Fraud Education Committee (FIFEC) Annual Educational Conference, Orlando, FL, June 2024

"Call Logs & Road Maps: Navigating Cell Phone & Vehicle Data," New Jersey Association for Justice (NJAJ) Boardwalk Seminar, Atlantic City, NJ, April 2024

"Cracking the Code: Mobile Forensics for Fraud Investigations," Thomas Jefferson University, Virtual Guest Lecture, Abington, PA, April 2024

"Digital Forensics for Auto Insurance Investigations," Pennsylvania Insurance Fraud Protection Authority (PA IFPA) Pennsylvania Insurance Fraud Conference, Hershey, PA, April 2024

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“Digital Forensics for Auto Insurance Investigations,” International Association of Special Investigation Units (IASIU) Delaware Valley Chapter and Pennsylvania Auto Crime Investigators Association (PACIA), Joint Meeting, Philadelphia, PA, December 2023

“Cell Phone Data for Civil, Criminal, and Capital Cases,” Pennsylvania Bar Institute (PBI) Forensics in Capital Cases, Webinar, Abington, PA, December 2023

“Distracted Driving: Don’t Scroll Down the Wrong Path,” Pennsylvania Bar Institute (PBI) Distracted Driving, Webinar, Abington, PA, November 2023

“What is Mobile Forensics?” Neshaminy, PA, October 2023

“Data and Investigations: Cases Highlighting the Use of Forensic Technology,” International Association for Identification (IAI) Annual Educational Conference, National Harbor, MD, August 2023

“‘Back Up’ Your Case: Utilizing Cloud Data When the Device is MIA,” Webinar, Abington, PA, May 2023

“Mobile Forensics,” Thomas Jefferson University, Guest Lecture, Philadelphia, PA, March 2023

“Logistics and Technology: Don’t Let Catastrophic Events Turn Into Catastrophic Verdicts,” Webinar, Abington, PA, September 2022

“What Data is Your Case Missing?”: Utilizing Cell Phones, Carrier Records & Other Electronics in Forensic Investigations,” Webinar, Abington, PA, September 2022

“What Data is Your Case Missing?”: Utilizing Cell Phones, Carrier Records & Other Electronics in Forensic Investigations,” Webinar, Abington, PA, March 2022

“What is Mobile Forensics?” Neshaminy, PA, March 2022

“Electronic Data for Investigations: Infotainment & Cell Phones, The Dynamic Duo,” Webinar, Abington, PA, September 2021

“Mobile Forensics Hide and Seek: Where is Your Data Hiding?” Webinar, Abington, PA, June 2021

“Electronic Data for Investigations: Infotainment & Cell Phones, The Dynamic Duo,” Webinar, Abington, PA, April 2021

“Electronic Data for Investigations: Infotainment & Cell Phones, The Dynamic Duo,” Thomas Jefferson University, Virtual Guest Lecture, Abington, PA, March 2021

“Electronic Data for Investigations: Infotainment & Cell Phones, The Dynamic Duo,” Webinar, Abington, PA, November 2020

“The Basics of Collision Reconstruction: Electronic Data & The Engineering Analysis,” Prominent Philadelphia Law Firm, Philadelphia, PA, February 2020

MEDIA APPEARANCES

Podcasts

Guest: “Crash, Click, Capture: The Digital Evidence Behind Accidents,” Inside the Lawyers Studio Podcast, Season 2, Episode 1. Hosted by: Scott Tredwell. Released February 8, 2025.

Guest: “Just Forensics in the Digital Age,” Just Science Podcast, Case Studies Season 1, Episode 5. Hosted by: Jaclynn McKay. Released November 3, 2023.

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