

BRIAN D.C. WILSON

Digital Forensic Examiner | Independent Forensic Consultant

Belumbra, LLC | Baton Rouge, Louisiana

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PROFESSIONAL PROFILE

Independent digital forensic consultant and examiner with more than 20 years of experience examining and interpreting digital evidence in criminal, civil, and private-sector matters. Owner of Belumbra, LLC since 2008 and Digital Forensics Lab Manager with the Louisiana Bureau of Investigation.

Provides objective, technically grounded forensic services primarily in attorney-directed civil matters. Works with retaining counsel to define the technical questions and scope of each engagement, with services ranging from evidence preservation and acquisition through processing, examination, analysis, reporting, and litigation support.

Experienced in applying multiple forensic platforms to the same evidence source when appropriate, recognizing that different tools may parse, interpret, and present underlying data differently. Uses complementary methodologies to evaluate results, corroborate significant findings, and support reliable forensic conclusions.

Works for both plaintiffs and defendants without regard to advocacy position, focusing on the evidence and the technical questions presented. Depending on the engagement, work may be performed directly for counsel or in coordination with counsel's client while maintaining the attorney-directed scope of the matter.

CORE QUALIFICATIONS

Independent Digital Forensic Consulting
Digital Evidence Preservation & Acquisition
Multi-Tool Forensic Analysis & Corroboration
ESI Processing & Litigation Deliverables
Digital Video / DVR Examination
Courtroom & Deposition Testimony
Statewide Law Enforcement Support

Civil Litigation & Attorney Support
Computer & Mobile Device Forensics
Forensic Reporting & Technical Consultation
Employee Departure / Data Misuse Matters
Vehicle System Forensics
Forensic Laboratory Management
Forensic Technology & Infrastructure Management

PROFESSIONAL EXPERIENCE

Belumbra, LLC

Owner / Digital Forensic Examiner & Consultant | Baton Rouge, Louisiana | 2008–Present

Provide independent digital forensic consulting services primarily to attorneys and law firms in civil matters. Engagements are attorney-directed, with the scope of examination defined by the legal and technical questions presented. Depending on the matter, work may be performed directly for counsel or in coordination with counsel's client.

- Preserve, acquire, process, examine, analyze, and report on digital evidence from computers, mobile devices, removable media, and other electronic sources.
- Work with retaining counsel to understand the factual and technical questions to be addressed through digital evidence and to define an appropriate forensic examination strategy.
- When appropriate, coordinate directly with counsel's client to collect evidence, obtain technical background, and complete examination-related tasks while maintaining the attorney-directed scope of the engagement.

- Conduct forensic examinations for both plaintiffs and defendants using an objective, evidence-driven approach regardless of the retaining party.
- Perform targeted examinations involving suspected data theft, copying or misuse of proprietary or business-sensitive information, unauthorized deletion, and other employee-related digital activity.
- Provide deliverables ranging from preserved forensic images and processed review data to written technical findings, forensic reports, portable review packages, and litigation-support materials.
- Provide limited e-discovery and ESI-processing services, including document conversion and load-file preparation, when appropriate to the engagement; clearly communicate when a matter would be better served by a dedicated hosted review platform or additional specialist resources.
- Support litigation through technical consultation, deposition testimony, and courtroom testimony when required.

Louisiana Department of Justice — Office of the Attorney General

Investigations Division | Louisiana Bureau of Investigation | Digital Forensics Lab

Digital Forensics Lab Manager / Lab & Evidence Supervisor | 2022–Present • Digital Forensic Examiner | 2005–Present

Manage a ten-member specialized civilian digital-forensics unit providing examination and investigative support for criminal investigations throughout Louisiana while remaining an active forensic examiner.

- Direct laboratory operations and supervise two Digital Forensics Lab Supervisors, seven Digital Forensic Examiners, and the LBI evidence custodian supporting three evidence rooms.
- Provide digital forensic services to LBI investigators and requesting law enforcement agencies statewide, from acquisition and processing through comprehensive examination, analysis, reporting, and technical consultation.
- Serve as a member of Louisiana’s Internet Crimes Against Children Task Force and provide extensive forensic support for ICAC investigations, including search-warrant support, device seizure, examination, analysis, reporting, and testimony.
- Administer laboratory technical infrastructure, including Synology storage systems and high-performance forensic workstations; evaluate and select forensic hardware, software, storage solutions, and supporting technologies.
- Establish, evaluate, and approve internal laboratory procedures and technical workflows, serving as final internal authority for procedures specific to forensic operations.

DIGITAL FORENSIC TECHNOLOGIES & METHODOLOGIES

Employ multiple forensic tools and methodologies as appropriate to the evidence source, available acquisition methods, and investigative objectives. Forensic platforms may parse, interpret, and present the same underlying data differently; complementary tools are used when appropriate to evaluate those differences, corroborate significant findings, and support reliable forensic conclusions.

Computer & Digital Storage Forensics

Forensic acquisition, processing, examination, analysis, and reporting of Windows and macOS systems and digital storage media. Primary platforms include X-Ways Forensics, Magnet AXIOM, and FTK Imager; experience includes NTFS, FAT32, exFAT, HFS+, and APFS.

Mobile Device Forensics

Acquisition, processing, examination, analysis, and reporting of iOS and Android devices using Cellebrite Inseyets UFED and Physical Analyzer, Magnet GRAYKEY, Magnet AXIOM, Oxygen Forensic Detective, and X-Ways Forensics for supplemental examination when appropriate.

Digital Video / DVR Forensics

Use Magnet Witness (formerly Magnet DVR Examiner) for acquisition, processing, examination, and review of DVR systems, including proprietary or otherwise unsupported file systems.

Vehicle System Forensics

Trained and currently certified in Berla vehicle-system forensics for acquisition and analysis of supported vehicle systems, including infotainment and related data sources.

PROFESSIONAL CERTIFICATIONS & CREDENTIALS

Professional Digital Forensics Certifications

- CFCE — Certified Forensic Computer Examiner | IACIS | Earned 2024 | Current
- CCE — Certified Computer Examiner | ISFCE | Earned 2010 | Current
- EnCE — EnCase Certified Examiner | Guidance Software | Earned 2006

Specialized, Technology & Professional Credentials

- Licensed Private Investigator — Louisiana State Board of Private Investigator Examiners | 2011–Present
- OFCE — Oxygen Forensics Certified Examiner | Earned 2021 and 2026
- CCPA — Cellebrite Certified Physical Analyst | Earned 2018
- CCO — Cellebrite Certified Operator | Earned 2018
- OSFTC — OSForensics Triage Certification | Earned 2022
- CVSE — Certified Vehicle System Forensic Examiner | Earned 2025 | Current
- CVSO — Certified Vehicle System Forensic Operator | Earned 2025 | Current
- CVST — Certified Vehicle System Forensic Technician | Earned 2025 | Current

Dates reflect when credentials were earned. Except where specifically identified as current, current certification status is not represented.

LITIGATION, COURTROOM & DEPOSITION EXPERIENCE

Extensive experience supporting civil and criminal matters involving digital evidence. Has been qualified as an expert in computer forensic examinations in Louisiana state and federal courts on multiple occasions, as well as qualified as an expert in computer science in a Louisiana state court matter.

Additional experience includes fact-witness testimony concerning forensic examination findings, testimony in post-conviction proceedings, and deposition testimony in Louisiana state and federal civil matters. Detailed testimony and deposition histories are maintained in the comprehensive professional CV.

SELECTED ADVANCED FORENSIC TRAINING

- IACIS — Managing a Digital Forensic Lab, 2026; Basic Computer Forensics Examiner (BCFE), 2024
- Berla — iVE Vehicle System Forensics, 2025
- Magnet Forensics — Advanced computer, mobile, macOS, iOS, Internet/cloud, and digital-video examination training
- SANS — FOR585 Smartphone Forensic Analysis In-Depth; FOR408 Windows Forensic Analysis
- Guidance Software / EnCase, X-Ways, Cellebrite, Oxygen Forensics, BlackBag, Griffeye, Vound Intella, and other specialized forensic training

Additional refresher, vendor, and laboratory-wide technical training is completed on an ongoing basis; the courses above represent selected significant training.

PRESENTATIONS

Louisiana Sex Offender and Child Predator Enforcement Conference | 2023 — Dennis and Cynthia Perkins: A Case Study

PROFESSIONAL MEMBERSHIPS

International Association of Computer Investigative Specialists (IACIS) | International Society of Forensic Computer Examiners (ISFCE)

EDUCATION

B.S. in Computer Science — Southeastern Louisiana University, Hammond, Louisiana