Computer Forensics Lab Ltd
DIGITAL FORENSICS · E-DISCOVERY · EXPERT WITNESS

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Joseph Naghdi

Digital Forensic & E-Discovery Expert

CEO & Founding Expert, Computer Forensics Lab Ltd · MSc Computer Science · EnCE · CISSP · MCSD · MBCS

PROFESSIONAL PROFILE

Court-tested digital forensic and e-discovery expert with more than 20 years in forensic data recovery and, since 2007, in digital forensic investigation and expert evidence. Founder and CEO of Computer Forensics Lab Ltd (CFL), London, where I lead a team of eight forensic and e-discovery specialists and personally lead all expert witness engagements for law firms, barristers, police forces, government agencies, insurers, financial institutions and private clients across the UK.

My practice spans the full evidential lifecycle: identification, forensically sound preservation and acquisition, examination, analysis, and the presentation of findings in reports that comply with **CPR Part 35** (civil) and **CrimPR Part 19** (criminal). I give oral evidence in the Crown Court and civil courts, work to NPCC (formerly ACPO) principles for digital evidence within an **NPCC · ISO 17025 aligned practice**, and advise on GDPR/DPA-compliant incident analysis and PCI DSS forensic investigations.

Beyond casework I lead CFL's Cyber Forensics Research Group, direct the firm's e-discovery and disclosure service (Relativity, Nuix and EDRM-aligned workflows), and publish regularly on admissibility, reliability and forensic practice for legal professionals.

2007	2003	CPR 35 · CrimPR 19	Team of 8
CFL FOUNDED	DATA RECOVERY LAB	CIVIL & CRIMINAL EXPERT	SPECIALISTS LED

EXPERT WITNESS PRACTICE

Instructed by prosecution and defence in criminal matters and by claimants and defendants in civil litigation. Produces an expert report approximately every two weeks and attends court regularly to give evidence, answer questions under cross-examination and participate in joint expert discussions and statements. Cases handled or supervised have included matters reported in the national press, for example:

- R v Nana Oppong — Crown Court murder proceedings
- R v Merje & Mngoy — Crown Court proceedings
- Caroline Astrid Cole — High Court, disputed/forged email evidence
- R v Codee Godrey — Crown Court proceedings
- R v Bonaventure Chukwuka — £10m fraud, Blackfriars Crown Court
- Numerous civil, family, employment and commercial disputes

> **Media:** Contributing digital forensics expert in the six-part crime documentary series *999: Murder Calling* (Discovery+ and Amazon Prime), discussing the role of digital evidence in solving murder investigations.

AREAS OF EXPERTISE

Computer & Mobile Forensics

Forensic imaging and examination of Windows, macOS, Linux, iOS and Android devices; file-system, registry, artefact, internet-history and timeline analysis; live memory acquisition and volatile-data analysis.

E-Discovery & E-Disclosure

End-to-end EDRM workflows for CPR PD 57AD / PD 31B disclosure and US federal litigation: collection, processing, early case assessment, review hosting, production and disclosure statements.

Document, Email & Media Authentication

Validation of disputed documents (wills, contracts, deeds, bank statements), email headers and provenance, images, audio and video recordings; detection of manipulation and metadata tampering.

Cybercrime & Incident Forensics

Hacking and intrusion investigations, malware and binary analysis, network and firewall log analysis, PCI DSS forensic investigations, GDPR/DPA breach analysis and reporting.

Advanced Data Recovery

Recovery from failed, damaged or wiped media including NAND, SSD, memory cards and chip-off; bit-level analysis and data carving; anti-forensics detection.

Cloud, Social Media & OSINT

Preservation and analysis of cloud accounts, messaging platforms and social media; open-source intelligence investigations supporting litigation and defence disclosure.

TOOLS & TECHNOLOGIES

FORENSIC SUITES	EnCase, X-Ways Forensics, FTK / FTK Imager, Magnet AXIOM, Autopsy / The Sleuth Kit, CAINE, DEFT
MOBILE FORENSICS	Cellebrite UFED, GrayKey, Oxygen Forensic Detective, MSAB XRY, MOBILedit, Avilla Forensics
E-DISCOVERY & REVIEW	RelativityOne, Nuix, EDRM-aligned processing and production pipelines
DATA RECOVERY	ACE Lab PC-3000, Rusolut NAND adapters, R-Studio, Recovery Explorer, Foremost, chip-off and NAND reconstruction
BINARY & MALWARE ANALYSIS	010 Editor, hexedit / xxd / hexdump, IDA Pro, OllyDbg, memory-dump analysis, reverse-engineering concepts
PLATFORMS & DEVELOPMENT	Windows, Unix/Linux and macOS environments; Python tooling for OSINT and forensic automation; C programming; Microsoft development stack (MCSD)

PROFESSIONAL EXPERIENCE

CEO & Founding Digital Forensic & E-Discovery Expert

2007 – Present

Computer Forensics Lab Ltd, London

- Founded the digital forensics division and lead all expert witness instructions in civil (CPR Part 35) and criminal (CrimPR Part 19) matters, from initial instruction and LAA prior-authority quotations through to oral evidence.
- Supervise a team of eight forensic and e-discovery specialists; set and maintain the firm's technical procedures, quality standards and chain-of-custody controls in line with NPCC principles and ISO 17025-aligned practice.
- Direct forensic acquisition and examination across computers, mobile handsets, vehicles, CCTV, cloud accounts and network infrastructure, producing court-ready reports based on the instructions of solicitors, counsel and investigators.
- Lead the e-discovery/e-disclosure service, including document review and production programmes for UK litigation and US federal proceedings hosted on RelativityOne and Nuix.
- Head the Cyber Forensics Research Group (CFRG): research into current examination methods, expert training, and development of tools and best-practice frameworks for computers, phones, embedded systems and IoT devices.

Typical matters handled or supervised

- Company data and IP theft; employee misconduct and contractual disputes
- Digital document, email and audio-visual authentication where evidence is disputed
- Online banking, email-impersonation and computer fraud investigations
- Forged wills, contracts, title deeds, powers of attorney and bank statements
- Indecent-image cases for law enforcement, prosecution and defence firms
- Harassment, stalking, trolling and defamation evidence gathering
- Data-protection and GDPR regulatory-compliance investigations
- Family, divorce and employment-tribunal digital evidence

Data Recovery Specialist & Lab Lead

2003 – Present

Data Recovery Lab, London (now part of Computer Forensics Lab Ltd)

- Established the data recovery laboratory in 2003; train, supervise and lead the lab's engineers and technicians in logical, physical and chip-off recovery.
- Design architectural and integration improvements to laboratory workflow, tooling and working practices, providing the forensically sound recovery capability that underpins CFL casework.

Producer / Presenter

1996 – 1999

BBC World Service, Bush House, London

- Produced and presented news and current-affairs programming with a primary focus on Iran and the Middle East, managing a team of five to six journalists and assistant producers.
- In 1999 joined the consultation team commissioned to devise the digital format for presenting news that later became BBC News Online.

EDUCATION & CERTIFICATIONS

- **MSc Computer Science** (incl. C programming)
  Tehran Technical College, 1991
- **BSc History of Western Philosophy**
  Ferdowsi University, Mashhad, 1984
- **EnCE** — EnCase Certified Examiner
- **CISSP** — Certified Information Systems Security Professional
- **MCSD** — Microsoft Certified Solution Developer
- **MCP** — Microsoft Certified Professional

TRAINING & MEMBERSHIPS

- Magnet Forensics Cyber — formal training
- GrayKey (Magnet) — formal training
- SANS Institute — digital forensics training
- **BCS**, The Chartered Institute for IT — Professional Member (MBCS)
- **IEEE Computer Society** — Member

PUBLICATIONS & RESEARCH

- *Digital Evidence in the Dock: Admissibility, Reliability and Forensic Practice for Lawyers and the Public* (Medium)
- Regular articles on digital forensic practice for legal professionals at computerforensicslab.co.uk and cforensicslab.medium.com
- Research profiles: ORCID 0000-0002-0366-0392 · ResearchGate · Academia.edu (distributed-ledger technology and digital evidence)