

CURRICULUM VITAE

JAMES R. SWAUGER

Digital Forensic Specialist

Binary Intelligence

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SUMMARY OF QUALIFICATIONS

- Licensed professional investigator with over thirteen years of public and private sector experience investigating matters involving digital evidence and advanced technologies; over one thousand civil, criminal, corporate internal and domestic cases conducted.
- Court recognized expert in the field of computer forensics and digital investigations; provides testimony during trials, unemployment hearings and administrative proceedings.
- Digital forensic examiner versed in advanced digital evidence acquisition and analysis techniques; able to accomplish data collections of all types – small scale or high volume, local or remote, static or live, overt or covert and volatile or non-volatile .

AREAS OF EXPERTISE

- **Computer Forensics** – Digital Evidence Acquisition, Forensic Data Recovery, Keyword and File Signature Searching, Chat Analysis, Email Analysis, Metadata Analysis, Internet History Reconstruction, Password Recovery, Timeline Analysis, Event Reconstruction, Volatile Data Analysis, Network-Based Evidence Collection, Live Host Analysis, Picture and Video Review
- **Cell Phone Forensics** – Call History Log Recovery, Text Message (SMS) Recovery, Handset Physical Memory Acquisition, File System Collection, SIM Card Reporting, Picture/Video Recovery, Email Extraction, Phonebook and Contact Reporting
- **Electronic Discovery** – Identification and Collection of Electronically Stored Information (ESI), ESI Processing and Analysis, Data De-Duplication, Litigation Hold Management, Email Conversion, ESI Production

AREAS OF EXPERTISE (continued)

- **Investigations** – Employee and Executive Misconduct, Computer Incident Response, Corporate Espionage (Intellectual Property Theft), Workplace Harassment and Discrimination, Piracy, Embezzlement, Fraud, Employment and Contractual Disputes, Theft, Unauthorized Use/Hacking, Missing Persons, Infidelity, Divorce, Custody, Regulatory Compliance, Privacy Breach, Internal Threat, Gambling, Pornography, Inappropriate Material
- **Insider Threat Management** – Log File Analysis, Extrusion Detection, Network Surveillance, Covert Monitoring, Network Traffic Threat Assessment, Rogue Device Detection, Wireless Audit

CERTIFICATIONS AND LICENSURE

- **LPI** – Licensed Private Investigator, Ohio License No. 2003005424, Ohio Department of Public Safety, Division of Homeland Security
- **CISSP** – Certified Information Systems Security Professional, (ISC)²
- **EnCE** – Encase Certified Examiner, Guidance Software Inc.
- **CFCE** – Certified Forensic Computer Examiner, IACIS
- **CEECS** – Certified Electronic Evidence Collection Specialist, IACIS
- **DFCP** – Digital Forensics Certified Practitioner, DFCB
- **CIFI** – Certified Information Forensics Investigator, IISFA
- **SCERS** – Seized Computer Evidence Recovery Specialist, Federal Law Enforcement Training Center
- **A+** Certified Computer Technician, CompTIA
- **Network+** Certified Technician, CompTIA

PROFESSIONAL AFFILIATIONS

- **IACIS** – International Association of Computer Forensic Specialists
- **HTCIA** – High Technology Crime Investigation Association
- **ASDFED** – American Society of Digital Forensics and eDiscovery
- **(ISC)²** – International Information Systems Security Certification Consortium, Inc.
- **IISFA** – International Information Systems Forensics Association
- **ISSA** – Information Systems Security Association

EMPLOYMENT

BINARY INTELLIGENCE TECHNOLOGY, LTD., Lebanon, Ohio

Partner, *September 2000 – Present*

- Conduct computer forensic analyses, high-tech investigations and electronic discovery projects for attorneys, corporations, government agencies and individuals.

NATIONAL CITY CORPORATION

Lead Technical Security Investigator, *December 2005 – January 2009*

- Directed technical investigations, computer forensics, incident response and electronic discovery activities.
- Monitored network infrastructure and perimeter system logs for evidence of compliance violations, internal threats, data leakage and rogue computer systems or network devices.
- Provided investigative support to human resources, legal counsel and risk management personnel.
- Presented evidence and represented the corporation at unemployment compensation hearings and other judicial or administrative proceedings.
- Served as corporate liaison with law enforcement, external attorneys and auditors.

OHIO BUREAU OF CRIMINAL INVESTIGATION, COMPUTER CRIMES UNIT, London, Ohio, Computer Forensic Specialist II, *October 1997 – December 2005*

- Served as lead computer forensic expert for the Ohio Attorney General's state crime laboratory.
- Conducted computer forensic examinations and prepared investigative reports.
- Presented cases before grand juries and offered expert testimony at trial.
- Performed on-site computer evidence collection at crime scene and search warrant locations.

CINCINNATI BELL INFORMATION SYSTEMS (CONVERGYS), Cincinnati, Ohio

Database Administrator, *June 1995 – October 1997*

- Regulated the design, performance, and security of critical client databases.

EDUCATION

Bachelor of Business Administration in Information Systems

UNIVERSITY OF CINCINNATI, Cincinnati, Ohio, 1995

SPECIALIZED TRAINING AND CONFERENCES

- Ohio High Technology Crime Investigation Association Spring Training Conference, 2010
- Mobile Forensics World , 2010
- Computer and Enterprise Investigation Conference, 2009
- Security 508 – Computer Forensics, Investigation, and Response, SANS Institute, 2008
- Ohio High Technology Crime Investigation Association Regional Training Conference, 2008
- Ohio Information Security Summit, 2007
- Security 617 – Assessing and Securing Wireless Networks, SANS Institute, 2007
- Ohio Information Security Forum, 2007
- High Technology Crime Investigation Association International Training Conference and Expo, 2006
- The Evil Insider, Information Systems Security Association, 2006
- Ohio Information Security Summit, 2005
- Security 504 – Hacker Techniques, Exploits, and Incident Handling, SANS Institute, 2004
- Information Security and Forensics, Ohio High Technology Crime Investigation Association, 2004
- Ultimate Toolkit Computer Forensics, AccessData, 2003
- Ohio High Technology Crime Investigation Association Annual Training Conference, 2002
- Seized Computer Evidence Recovery Specialist Training, Federal Law Enforcement Training Center, 2002
- Linux and BeOS for Law Enforcement, Ohio High Technology Crime Investigation Association, 2002
- Techno-Security Training Conference, 2001
- Internet Investigations and Profiling, Consulting Investigation Services, 2000

SPECIALIZED TRAINING AND CONFERENCES (continued)

- Techno-Security Training Conference, 2000
- Anatomy of an Intrusion, International Association of Computer Investigative Specialists, Advanced Training, 2000
- Forensic Seizure and Examination of Linux Operating Systems, International Association of Computer Investigative Specialists Advanced Training, 1999
- Forensic Examination of Novell and Windows NT Networks, International Association of Computer Investigative Specialists Advanced Training, 1999
- Advanced Forensic Computer Science Course, New Technologies Incorporated, 1999
- International Association of Computer Investigative Specialists Forensics Training Conference, 1998
- Basic Data Recovery and Analysis, National White Collar Crime Center, 1998
- Advanced Unix and Internet Security, Computer Security Institute, 1997
- CSI 24th Annual Training Conference, Computer Security Institute, 1997

SELECT PRESENTATIONS AND TEACHING ENGAGEMENTS

- **“MOBILE DEVICE FORENSICS: TECHNOLOGY AND TECHNIQUES”**
Southern Ohio Association of Private Investigators, Mason, Ohio, May 18, 2010
- **“E-DISCOVERY: THE INVESTIGATION (COMPUTER FORENSICS)”**
Dayton Bar Association Civil Trial Practice & ADR committee, Dayton, Ohio, December 8, 2009
- **“LINUX FORENSIC DATA ACQUISITION AND ANALYSIS”**
Ohio High Technology Crime Investigation Association Annual Training Conference, Salt Fork State Park and Conference Center, Cambridge, Ohio, December 2-4, 2003
- **“PROTECTING AGAINST CYBER-ATTACKS”**
Joint Seminar on Terrorism Preparedness for Small Businesses. Workshop facilitated by the Small Business Development Center and The University of Findlay Center for Terrorism Preparedness, Ohio Department of Public Safety, Columbus, Ohio, July 25, 2003

SELECT PRESENTATIONS AND TEACHING ENGAGEMENTS (continued)

- **“HARDWARE AND SOFTWARE SOLUTIONS FOR COMPUTER FORENSIC EXAMINERS”**
Ohio High-Technology Crime Investigation Association Chapter Meeting, BCI
Headquarters, London, Ohio, May 1, 2003
- **GUEST INSTRUCTOR FOR VARIOUS COMPUTER CRIME FIRST RESPONDER COURSES**
Ohio Peace Officer Training Academy, London, Ohio, Various Dates 1999 – 2003

PROFESSIONAL HONORS

- Ohio High Technology Crime Investigation Association (HTCIA) Hall of Fame Induction for
“Outstanding Professionalism and Continuing Expertise in the Investigation of Crimes
Involving Advanced Technologies”, 2002

NOTABLE TESTIMONY

- ***ACMG of Louisiana, Inc. and ACMG, Inc., v. Towers Perrin, Inc.*, 2008**
United States District Court for the Northern District of Georgia Atlanta Division
Civil Case No.: 1:04-CV-1338 RWS (via Affidavit)
- ***State of Ohio v. Sean A. Lloyd*, 2006**
Montgomery County Ohio Court of Common Pleas
Case No. 2006-CR-0081
- ***State of Ohio v. Scott A. Wagner*, 2003**
Licking County Ohio Court of Common Pleas
Case No. 2003-CR-00051
- ***State of Ohio v. Nicole Gilmore*, 2002**
Warren County Ohio Court of Common Pleas
Case No. 01-CR-19448
- ***State of Ohio v. Eugene Robert Anderson*, 2002**
Washington County Ohio Court of Common Pleas
Case No. 01-CR-00238
- Numerous Job and Family Services/Unemployment Compensation Review proceedings
(multiple states), grand jury appearances and hearings