

Terry Lahman

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Summary

Over 40 years experience in the software development and computer electronics fields. Performs digital forensics services on computers, tablets, and cell phones. Explains findings and conclusions in plain English. Experience developing technical presentations to explain complex material in understandable terms. Developed software on several operating systems including Microsoft Windows and Apple iOS platforms. Operated, maintained, and repaired complex computer equipment at the electronic component level.

Experience

- **Chief Digital Forensics Analyst**, eForensicsPro, Snoqualmie, WA 2011 – Present
Provide digital forensics services including the preservation, collection, analysis, and reporting upon digital data, such that the findings and conclusions are suitable for use in a court of law.
- **VP Sales & Customer Relations**, Pifocal, Seattle, WA 2018 – 2019
As V.P. of Sales and Customer Relations my role is understanding the needs of customers and introducing Pifocal's innovative approaches that will result in optimized solutions to their business challenges.
- **Principal Development Engineer**, SnoRidge Software LLC, Snoqualmie, WA 2011 – 2015
Software design and development on Microsoft Windows and Apple iPad/iPhone.
- **Computer Forensics Instructor**, Highline Community College, Des Moines, WA 2013 – 2015
Computer Forensics Instructor for Data Recovery / Forensic Specialist, AAS
- **Principal Software Development Engineer in Test**, Microsoft Corporation, Redmond, WA 2009 – 2011
Shipped Windows Intune cloud service in a leadership role.
- **Principal Test Manager**, Microsoft Corporation, Redmond, WA 1997 – 2009
Shipped operating systems, server applications, and online services software in a leadership role. Software includes: Asset Inventory Service (version 1), Sharepoint Server 2007 - content management component, System Test Team for Windows XP and Server 2003, Windows 2000 print and imaging, application compatibility, and terminal services, Windows NT 4 Terminal Services Edition (version 1), Index Server (version 1).
- **Software Development Engineer in Test**, Microsoft Corporation, Redmond WA 1994 – 1997
Designed and implemented test harnesses, test cases, and test automation for the Windows NT memory manager, NTFS file system, Index Server, and Windows Terminal Services (RDP) in the Windows NT Base Test Team.

- **Software Development Engineer**, Three D Graphics, Pacific Palisades, CA 1992 – 1994
Developed software for Three D Graphics charting solution. Specialist at debugging and fixing software bugs on Microsoft Windows and Apple Macintosh.
- **Software Engineer**, Dataproducts Corporation, Woodland Hills, CA 1990 – 1992
Developed PCL5 and PCL4 printer device drivers for Windows 3.0. Designed and implemented software tools used for product font generation, specializing in bit manipulation, and file formats. Trained co-workers how to develop Windows and device driver software.
- **Technical Support Manager**, Dataproducts Corporation, Woodland Hills, CA 1987 – 1990
Department manager responsible for providing post-sales technical support to customers.
- **Technical Publications Manager**, Dataproducts Corporation, Woodland Hills, CA 1982 – 1987
Department manager responsible for publishing product technical documentation.
- **Technical Instructor**, Dataproducts Corporation, Woodland Hills, CA 1981 – 1982
Presented component level electronics maintenance and troubleshooting classes.
- **Electronics Technician**, Litton Data Systems Division, Van Nuys, CA 1979 – 1981
Maintained computer equipment in the development labs. Repaired the following equipment at the component level, monitors, keypunch, tape backup, hard drives, and paper tape readers.
- **Technical Instructor**, Litton Data Systems Division, Van Nuys, CA 1978 – 1979
Prepared lesson plans and conducted technical classes on the operation and repair of electronic equipment for the military. Explained complex technical material in a way the students could understand.
- **Fire Control Technician, Guns**, Petty Officer Second Class, United States Navy, 1975 – 1978
USS Barbey, San Diego, CA
Operated and maintained an analog computer, radar system, gyroscope, and electro-mechanical equipment used to track air or surface targets. Honorable Discharge.

Publications/Presentations

- **Washington Association of Criminal Defense Lawyers** 2018
Forensics in Peer-to-Peer Sharing and Associated Legal Challenges
- **Benton County Office of Public Defense** 2017
Peer-to-Peer Networks presentation at CLE event.
- **Computer Technology Investigators Network (CTIN)** 2017
Balancing computer hardware and budgets presentation at CTIN annual conference.

- **Washington Association of Criminal Defense Lawyers** 2016
Cell phone forensics with Cellebrite presentation at CLE event.
- **Computer Technology Investigators Network (CTIN)** 2016
\$MFT, \$UsnJrnl and \$Logfile Analysis Demonstration at CTIN annual conference
- **Computer Technology Investigators Network (CTIN)** 2015
Linux and Open Source Tools Demonstration at CTIN annual conference
- **Computer Technology Investigators Network (CTIN)** 2014
Cell tower GPS technology and Observation Skills at CTIN annual conference
- **Computer Technology Investigators Network (CTIN)** 2013
Windows Registry presentation at CTIN annual conference.
- **Microsoft Corporation** 2013
Digital Forensics presentation.
- **Guest Speaker Edmonds Community College Digital Forensics and the Law** 2013
Developed and conducted a presentation on observation skills and how they aid in conducting a forensics examination.
- **Washington HTCIA Chapter Meeting** 2012
Developed and conducted a presentation on the use of bootable CDs in digital forensics work with emphasis on Windows Forensics Environment (WinFE) for obtaining forensically sound images of storage media.
- **International Test and Evaluation Symposium** 2001
Conducted a presentation on Windows XP testing strategies and techniques.
- **PCRemote II** Ziff-Davis Publishing, PC Magazine 1992
Designed and co-developed a follow up article that added file transfer capability to the original PCRemote program.
- **PCRemote** Ziff-Davis Publishing, PC Magazine 1990
Designed and developed a program that allowed the user to remotely control another computer through data modems. Wrote magazine article describing its use and the technical details of how it worked.

Teaching Experience

- **Digital Forensics Instructor**, Highline Community College, Des Moines, WA 2013 – 2015
Conducted classes in digital forensics.
- **Electronics Instructor**, Los Angeles Valley College, Valley Glen, CA 1989 – 1992
Conducted night classes in computer science and electronics.

- **Electronics Instructor**, Edison Technical College, Van Nuys, CA 1984 – 1987
Conducted night classes in computer science and electronics.

Education

- Edmonds Community College, Edmonds, WA, Digital Forensics Certificate 2011 – 2012
- Pierce College, Woodland Hills, CA, Computer Technology (completed 40 credits) 1980
- United States Navy “A” School, Great Lakes IL 1975
- Heidelberg College, Tiffin, OH, Mathematics and Education (completed 69 credits) 1972 – 1974

Professional Development

- RantCell Pro Cloud (8 hours) 2019
- Magnet Forensics Axiom AX200 training (32 hours) 2017
- Autopsy Training (6 hours) 2015
- X-Ways Forensics Training (32 hours) 2013
- Cell Phone & GPS Forensics Training (6 hours) 2012
- Emerging Issues in Evidence and Suppression (6 hours) 2012
- Deposition Without Pain (1.5 hours) 2012
- Courtroom Self-Defense for the Forensic Examiner (1.5 hours) 2012
- Proven Strategies for First Time Expert Witness (1.5 hours) 2012
- Volume Shadow Copies and Registry Forensics (1.5 hours) 2012
- Getting Started in Criminal Defense (6 hours) 2012
- Linda Montgomery Private Investigator Training (5 hours) 2011
- Zortech Programming in C++ video training course 1991
- Programming in Microsoft C (5 days) 1988

Certifications

- Certified Computer Examiner (CCE), International Society of Forensic Computer Examiners (ISFCE) 2013 - Present
- Certified Data Recovery Expert, MHDD Scott Moulton 2012
- Digital Forensics Certificate, Edmonds Community College 2012
- AccessData Certified Examiner (ACE), AccessData Company 2012 - 2016
- AccessData Mobile Examiner (AME), AccessData Company 2013 - 2016

Licenses

- Washington State Private Investigator License #3548 2012 - Present
- FCC Advanced Class Amateur Radio License Active

Affiliations/Memberships

- The International Association of Computer Investigative Specialists (IACIS) 2016 - Present
- Washington Defense Trial Lawyers 2013 - 2016
- Washington Association of Criminal Defense Lawyers (WACDL) 2012 – Present
- Oregon Criminal Defense Lawyers Association (OCDLA) 2012 – 2017
- Washington Association of Legal Investigators (WALI) 2012 – Present
- High Technology Crime Investigation Association (HTCIA) 2012
- Microsoft Alumni Network (MSA) 2011 – Present

Testifying History – provided upon request