

CURRICULUM VITAE

Stacy R Eldridge, CFCE, ICMDE, GCFE, MCFE, GSEC, GCCC, LPD

Digital Forensics Expert, Cybersecurity Expert, and Expert Witness

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EDUCATION

- 2006 **Master of Science** – Computer Information Systems
Bellevue University, Bellevue, NE
- 2001 **Bachelor of Science** – Management Information Systems
Bellevue University, Bellevue, NE

PROFESSIONAL EXPERIENCE

- 2019 – Present **Founder, Mobile Forensics, Digital Forensics, and Cybersecurity Expert**
Silicon Prairie Cyber Services LLC
Conducts digital and mobile forensics investigation and review services, including expert witness testimony. Licensed Private Detective in the State of Nebraska; fully bonded and complying with all statutes, rules, and regulations to conduct digital investigation services and provide expert witness testimony in a court of law. Licensed Plain Clothes Detective authorized to work at the direction of other detective agencies. Provides cybersecurity awareness and simulated phishing consulting and program management services.
- 2021 – Present **Adjunct Professor**
Bellevue University
Teaches digital forensics and cybersecurity courses. Evaluates students' performance.
- 2020 – Present **Adjunct Professor**
Oklahoma State University Institute of Technology
Teaches digital forensics, mobile forensics, and cybersecurity courses. Evaluates students' performance. Develops digital forensics and mobile forensics courses for The University.
- 2017 – 2019 **Director, Cyber Security**
Lincoln Electric System (LES)
Leads and matures the information technology (IT) and operational technology (OT) cybersecurity strategy, risk mitigation, risk tolerance, risk assessment programs, and written policy. Developed tactical and strategic plans to ensure the continued development of cybersecurity maturity and protection of IT and OT networks and critical infrastructure, including sensitive LES information.
- 2012 – 2017 **Senior Staff Cyber Investigator & Program Manager, Data Loss Prevention**
General Electric
Conducted 1,030 DLP investigations and identified 236 violations that resulted in further escalation and investigation. Managed global, operational program protecting GE's crown jewels, critical business information, intellectual property, and sensitive data by implementing new and innovative technologies to simplify and accelerate manual processes to block, review, identify, and remediate unauthorized data egress. This program supports Corporate, Digital, GGO, and GO.

2003 – 2012 **Federal Bureau of Investigation Experience**

Digital Evidence Instructor
Operational Technology Division

Provide digital forensics, and investigative training focused on preserving, acquiring, examining, and presenting digital evidence. Develops curriculum, manuals, and presentations and selects subject matter expert guest lecturers. Designs, develops, and modifies materials presented in digital forensics and investigative training courses. Create test data sets, written tests, and hands-on practical forensic examination tests and grading requirements. Maintain liaison with professional law enforcement organizations, federal agencies, academic institutions, the computer industry, and private companies involved in investigative, digital evidence, and computer technology matters. Prepares and maintains classroom facility consisting of three separate networks, servers, and workstations.

Computer Analysis Response Team Forensic Examiner
Operational Technology Division
Los Angeles Division
Columbia Division
Omaha Division

As a computer forensic examiner for the Los Angeles Division, forensically examines computers and computer-related digital media, adhering to documented standard operating procedures and quality assurance programs, which includes annual proficiency testing; technical, peer, and administrative reviews.

Conducts forensic examinations on digital evidence (computers, computer-related digital media, cell phones, smartphones, personal digital assistants (PDAs), and digital cameras. Provides written and electronic reports summarizing examination results, provides advanced analysis of examination results as requested, and performs search and seizure operations to preview and acquire evidence on site.

Conducts research and career development activities, completes required continuing education, advanced specialized training, and yearly proficiency testing. Provide instruction to new examiners, peers, and federal, state, and local investigators.

Provides expert witness court testimony.

Information Technology Specialist
Omaha Division

Coordinates the daily operations of applications that function independently or as an integrated system. This included both stand-alone computers and local area networking. Resolved complex processing issues and error conditions requiring intricate processing software changes and served as the office authority concerning the capabilities and potential of online applications and individual computer programs used to support administrative and investigative efforts. Duties also included installing, configuring, and maintaining the FBI Omaha Intranet server, Internet server and router, and Internet local area network.

CERTIFICATIONS & AWARDS

IACIS Certified Mobile Device Examiner (ICMDE)
IACIS Certified Forensic Computer Examiner (CFCE)
GIAC Certified Forensic Examiner (GCFE)
Magnet Certified Forensic Examiner (MCFE)
GIAC Security Essentials Certification (GSEC)
GIAC Critical Controls Certification (GCCC)
Licensed Private Detective
FBI Certified Computer Analysis Response Senior Team Forensic Examiner (CART SFE)
FBI Certified Computer Analysis Response Team Forensic Examiner (CART FE)
FBI Certified PDA Forensic Examiner
FBI Certified Cell Phone Forensic Examiner
Cellebrite UFED Certified
Access Data Certified Examiner (ACE)
Network+ Certification - CompTIA
A+ Certification - CompTIA
2011 Outstanding Performance as a CART Examiner Award
2008 CART Gold Quality Award
Three (3) FBI Performance Awards
FBI Quality Step Crease (QSI)
2013 General Electric Expertise Award

EXPERT WITNESS

November 2024	Carroll Circuit Court for the State of Indiana, Delphi, IN State of Indiana vs. Richard M. Allen Case Number 08C01-2210-MR-000001
July 2024	United States District Court for the District Court of the Virgin Islands, St. Croix, USVI United State of America vs. Dante James Docket 22XP10285 CE-22-029
November 2007	United States District Court for the District of South Carolina, Charleston, SC United States of America vs. Kelly Edward Wadford, Jr. Docket 06-CR-01294
March 2009	United States District Court for the Middle District of Florida, Tampa, FL United States of America vs. Youssef Samir Megahead Docket 08-12548
October 2011	United States District Court for the Central District of California, West Covina, CA United States of American vs. Docket 11-

PROFESSIONAL TRAINING

October 2024 Magnet Forensics AX 300 – Axiom Advanced Mobile Forensics
August 2024 SANS DFIR Summit & Training 2024
July 2024 SANS Security Awareness Summit 2024
April 2024 IACIS Mobile Device Forensics
March 2024 Magnet Forensics 200 - Magnet Axiom Examine
March 2024 Magnet Forensics Virtual Summit
Aug 2023 Paraben Forensic Innovation Conference 2023
Aug 2023 SANS Security Awareness: Managing Human Risk Summit 2023
Aug 2023 SANS DFIR Summit & Training 2023
June 2023 SANS Ransomware Summit 2023
June 2023 SANS Applying the Findings of the Verizon DBIR to Managing Human Risk
May 2023 Magnet Forensics AXIOM Academic Curriculum
Feb 2023 Magnet Virtual Summit 2023
Nov 2022 IACIS CFCE Renewal Certification Test
Aug 2022 SANS 2022 Security Awareness Summit
Aug 2022 SANS 2022 DFIR Summit
Oct 2021 Nebraska Cybersecurity Conference
Aug 2021 SANS 2021 Security Awareness Summit
Aug 2021 SANS 2021 DFIR Summit
Oct 2020 Nebraska Cybersecurity Conference
Aug 2020 SANS 2020 Security Awareness Summit
Aug 2020 SANS 2020 DFIR Summit
July 2020 Cyber Threats in the Time of COVID-19 (Infragard)
May 2020 Taking a byte out of Chromebook Analysis
May 2020 Magnet Forensics Virtual Summit
Nov 2019 GRIDEX V
Oct 2019 SANS Windows Forensic Analysis
March 2019 IACIS CFCE Renewal Certification Test
Feb 2019 FTK Intermediate
April 2018 SANS Implementing and Auditing the Critical Security Controls - In-Depth
March 2018 2018 Optiv Enterprise Security Solutions Summit
Feb 2018 DHS Intermediate Cybersecurity for Industrial Control Systems (202)
Feb 2018 DHS Intermediate Cybersecurity for Industrial Control Systems (201)
Feb 2018 DHS Introduction to Control Systems Cybersecurity (101)
Nov 2017 GRIDEX IV
Oct 2017 SANS Security Essentials: Network, Endpoint, and Cloud
Sept 2017 MRO 2017 Technical Training
Sept 2017 MRO 2017 Security Conference
May 2017 SEI CERT Insider Threat Symposium
May 2017 Enfuse Conference by Guidance Software
June 2016 IACIS CFCE Renewal Certification Test
May 2016 IACIS Windows Forensic Examiner Training
May 2015 IACIS Macintosh Forensic Examiner Training
Dec 2014 EnCase Host Intrusion Methodology and Investigations
May 2014 IACIS Windows Forensic Essentials
Dec 2013 IACIS CFCE Renewal Certification Test
Oct 2013 Cyber Security Summit
Sept 2013 SEI CERT Insider Threat Workshop
June 2013 Lean Six Sigma Quality
May 2013 Encase 101 v.7
March 2013 Searching and Reporting with Splunk
July 2012 NW3C Basic Data Recovery & Analysis (BDRA)
Oct 2011 EnCase Mac and Linux
July 2011 FTK Lab Advanced Train the Trainer (FBI)
July 2011 FTK for Mac (FBI)
May 2011 Sumari Mac Forensics (FBI)
March 2011 Encase Advanced Internet Exams (FBI)

Jan 2011	Encase II
Dec 2010	Encase I
Dec 2018	Proficiency Grading Workshop (FBI)
Sept 2010	Proctored Moot Court (FBI)
Sept 2010	CART Senior Moot Court (FBI)
Aug 2010	Advanced Forensic Analysis (FBI)
July 2010	Linux Command Line (FBI)
April 2010	IACIS Advanced Internet Investigations
May 2010	IACIS Advanced Certified Examiner Training
March 2010	Virtual Forensics (FBI)
Feb 2010	IACIS CFCE Certification Completion
Oct 2010	Digital Camera Forensics (FBI)
Aug 2009	Certified Ethical Hacker Training
Aug 2009	Cellebrite UFED Mobile Device Examiner
Aug 2009	RCFL Phone Forensics Course (FBI)
May 2009	XRY Cell Phone Forensics (FBI)
March 2009	EnCase Computer Forensics II
Nov 2008	ImageScan 3 Training (FBI)
Sept 2008	Linux for LEOs (FBI)
June 2008	Microsoft Vista (FBI)
Feb 2008	AccessData Vista & Advanced Topics (FBI)
Dec 2007	eDiscovery Training (Infragard)
Aug 2007	Introduction to Internet Investigations
July 2007	Cell Phone Forensics (FBI)
June 2007	Security+ (FBI)
June 2007	RCFL Webinar (FBI)
April 2007	Proctored FTK Boot Camp (FBI)
Mar. 2007	AccessData Applied Decryption (FBI)
Jan. 2007	Search Concepts - Self-paced Workbook (FBI)
Nov. 2006	Proficiency Test Grading Workshop (FBI)
Nov. 2006	Proctored CART Practicals (FBI)
Oct. 2006	Instructor Development Course (FBI)
Sept. 2006	Image Scan Training (FBI)
Sept. 2006	Case Agent Investigative Review Training (FBI)
Aug. 2006	Linux Boot CD v5 for FEs (FBI)
July 2006	AccessData Internet Forensics (FBI)
June 2006	PDA Forensics (FBI)
June 2006	NW3C Intermediate Data Recovery and Analysis (IDRA)
May 2006	CART Coordinator Workshop (FBI)
May 2006	FBI Anti-Piracy/Protection of Intellectual Property Rights Seminar
Apr. 2006	Microsoft Advanced Forensics (FBI)
Mar. 2006	Introduction to Cyber Crime (FBI)
Jan. 2006	AccessData FTK (Advanced) (FBI)
Dec. 2005	Proficiency Test Grading Workshop (FBI)
June 2005	Internet Processing (FBI)
Aug. 2005	CART Moot Court (FBI)
May 2005	CART Practicals (FBI)
May 2005	FTK Boot camp (FBI)
Mar 2005	Network+ (FBI)
Mar. 2005	NW3C Basic Data Recovery & Analysis (BDRA) (FBI)
Feb. 2005	BWCT Forensic Concepts Self-Paced (FBI)
Jan. 2005	A+ (FBI)
Dec. 2004	BWCT Write Protection & Imaging Self-Paced (FBI)
Dec. 2004	BWCT Quality Management (FBI)