Luca Losio, CFCE, CCE, EnCE, EnCEP, ACE, AME

Computer Forensics Examiner / Incident Responder

EDUCATION

Bachelor's Degree in Computer Science, University of Milan (Università degli studi di Milano), 2005

Master's Degree in Computer Science, University of Milan with a thesis on the "Anti-forensics" techniques, 2007

PROFESSIONAL EXPERIENCE

4N6, Crema, Italy (2013-present)

CEO and Founder of 4N6

Duties and Responsibilities

- Provide computer forensics and incident response operations, as well as other consulting services
- Lead and supervise all digital forensic operations
- Conduct digital forensic operations
- Determine the most appropriate method of collecting, protecting, analyzing and retaining original evidence
- Examine all digital media, including, but not limited to, computers, cameras, cell phones, smartphones, thumb drives, RAID, networking devices and other digital media.
- Prepare and present executive level briefings and information papers
- Develop and implement standard operating policies and procedures for customers
- Court expert: provide expert witness testimony for law courts (CTU - Consulente Tecnico d'Ufficio)
- Training for local and international law enforcement with more than 400 agents trained
- Member of The International Society of Forensic Computer Examiners (www.isfce.com)
- Member of Association of Certified Fraud Examiners (www.acfe.com)
- Member of Internation Association of Computer Investigative Specialists (www.iacis.com)

University of Bologna, Italy (2020 to 2023)

Contract professor for Cybersecurity Master

Duties and Responsibilities

- Provide computer forensics and incident response lessons

DFLABS, Crema, Italy (2005 to 2013)

Director of professional services, Computer forensics and incident response operations

Duties and Responsibilities

- Provide computer forensics and incident response operations, as well as other consulting services for DFLABS customers.
- Lead and supervise all digital forensic operations
- Conduct digital forensic operations
- Provide expert witness testimony for law courts (CTU - Consulente Tecnico d'Ufficio)

Have managed computer forensics/IR cases related to espionage, data leakage, IP data theft, frauds, inappropriate images, network intrusion (including several cases that involved more than 1,000 systems).

Software engineer CF/IR products developed (PTK and IncMan)

Duties and Responsibilities

- Project management
- Validation and quality check
- Training for customers

Computer Forensic instructor

Duties and Responsibilities

- Computer forensics and incident response training for DFLABS customers

- **EnCase training for both public and LE users. Guidance Software/EnCase instructor in Italy (2009-present). In the past I managed the same position for Accesdata Forensic Toolkit product (FTK) from 2007 to 2009.**

- Development and maintenance of "product-independent" training (Computer Forensics Basic, Computer Forensics advanced and Incident Response) including manuals, presentation and exercises for the attendees.

- Computer forensics police instructor at "*Scuola di Polizia tributaria della Guardia di Finanza di Ostia*" (Financial Guard police school instructor in Ostia, Rome).

- Trainer of Computer forensics, acquisition procedures and analysis for 60 officials of the Guardia di Finanza

CURRENT PROFESSIONAL CERTIFICATIONS

CFCE: IACIS Computer Forensics Certified Examiner (2012, 2015 and 2018). The Certified Forensic Computer Examiner (CFCE) certification program is based on a series of core competencies in the field of computer/digital forensics. The International Association of Computer Investigative Specialists is an accredited certifying body by the Forensic Specialties Accreditation Board. The Forensic Specialties Accreditation Board (FSAB) is an independent board established to accredit professional bodies that certify forensic scientists and other forensic specialists. IACIS offers the Certified Forensic Computer Examiner (CFCE) certification along with recertification and proficiency testing services. IACIS is one of the first computer/digital forensic organizations to achieve this prestigious designation.

EnCE: EnCase Certified Examiner (2009, renewed in 2012, 2015, 2018 and 2021). The EnCase® Certified Examiner (EnCE®) program certifies both public and private sector professionals in the use of Guidance Software's EnCase computer forensic software. EnCE® certification acknowledges that professionals have mastered computer investigation methodology as well as the use of EnCase during complex computer examinations. Recognized by both the law enforcement and corporate communities as a symbol of in-depth computer forensics knowledge, EnCE® certification illustrates that an investigator is a skilled computer examiner

EnCEP(2015, 2018 renewed 2021): The EnCase® Certified eDiscovery Practitioner (EnCEP®) program certifies private- and public-sector professionals in the use of Guidance Software's EnCase® eDiscovery software as well as their proficiency in e-discovery planning, project management, and best practices, spanning legal hold to load file creation. EnCase eDiscovery is the leading e-discovery solution for the search, collection, preservation, and processing of electronically stored information (ESI). Earning the EnCEP certification illustrates that a practitioner is skilled in the application of the solution to manage and successfully complete all sizes of e-discovery matters in accordance with the Federal Rules of Civil Procedure.

ISFCE CCE (2013, 2015, 2017, 2019 and 2021). The International Society of Forensic Computer Examiners (ISFCE, LLC) is a private organization dedicated to providing an internationally recognized, unblemished computer forensics certification that is available to all who can qualify, for a reasonable cost.
The ISFCE continually conducts research and development into new and emerging technologies and methods in the science of computer forensics. This development is reflected in the certification(s) that are offered by the ISFCE. The foundation of this certification maintains a fair, uncompromised process for certifying the competency of forensic computer examiners and sets high forensic and ethical standards for forensic computer examiners.
The ISFCE is an internationally recognized organization that has certified over 1300 individuals across 28 countries. Accessible to candidates worldwide, the CCE has become widely accepted as a prerequisite certification for forensic examiners, recognized by industry professionals and academic institutions alike.

ACE: AccessData Certified Examiner (2007, renewed in 2009, 2011, 2013, 2015, 2017, 2019 and 2021). The ACE credential demonstrates the proficiency with Forensic Toolkit technology

AME AccessData Mobile Examiner (2013, renewed in 2015, 2017, 2019 and 2021). The AME credential demonstrates proficiency with Mobile Phone Examiner Plus as well as a general knowledge on process, cellular networks, technology and forensic procedure. The AME certifies the methodologies used by an examiner to preserve, acquire, examine, analyze, and report findings related to mobile devices and associated digital media.

iVE Certification (2016). The four-day Vehicle Forensics & iVe Certification course is structured to provide investigators with the necessary skills to acquire and analyze data from OEM-installed infotainment and telematics systems, and prepare them to qualify as an expert witness and testify in court. This training will give investigators a solid understanding of vehicle networks and how data is transmitted between the various electronic control units in a vehicle. It will also build the skills necessary to conduct a full forensic examination and produce a final report.

Cellebrite Certified Operator (CCO 2017, renewed in 2019). Is a valuable mobile forensic certification that certifies participants who have gained the knowledge and practical skills required to handle mobile devices in a forensically sound manner, use the UFED Touch2 and UFED 4PC, conduct extractions, basic analysis, and reports on extracted data.

Cellebrite Certified Physical Analyst (CCPA 2017, renewed in 2019) is an advanced level certification that certifies participants have gained knowledge and practical skills using UFED Physical Analyzer software conduct advanced analysis on mobile devices, including advanced search and analysis techniques to verify and validate findings. This class will also introduce students how to generate reports on technical findings.

Cellebrite Certified Mobile Examiner (CCME 2017, renewed in 2019) is a capstone certification examination designed to assess your comprehensive knowledge and practical skills. Those who successfully complete the CMFF, CCO and CCPA become eligible to seek our flagship certification as a Cellebrite Certified Mobile Examiner (CCME). The CCME is not a training course, but a capstone certification examination with comprehensive knowledge and practical skills assessments.

Cellebrite Certified Instructor (CCI 2019) is the certification reserved for official Cellebrite Instructors.

Magnet Certified Forensics Examiner (MCFE, renewed in 2019) certification is an accreditation that showcases an examiners' expert-level competence with Magnet Forensics products to peers, internal stakeholders and external audiences, including legal teams or clients. The MCFE certification provides examiners and investigators with:

- Credibility to peers, employers, and external stakeholder communities
- An authenticated voice in courtroom and investigation proceedings
- A verifiable accreditation for employment
- A path for establishing and maintaining a credible skill set

Passware Certified Examiner (2020) is designed to provide computer forensic professionals with the knowledge and skills to detect, analyze and decrypt encrypted electronic evidence in the most efficient way, recover passwords for all common file types, analyze memory images, recover passwords for mobile backups, decrypt hard drives

Certified BlackLight Examiner (2020) is awarded to investigators completing the Basic Forensic Investigations course and successfully passing a written examination. The written assessment validates the examiner's knowledge in the use of BlackLight for digital forensic investigations.

Certified Intella Examiner (2020) is the certification designed for the examiners who have gained the knowledge and practical skills to use Intella when conducting a range of tasks such as processing and searching email and other data for investigations and eDiscovery matters.

Certified Fraud Examiner (2021) credential denotes proven expertise in fraud prevention, detection and deterrence. CFEs are trained to identify the warning signs and red flags that indicate evidence of fraud and fraud risk. CFEs around the world help protect the global economy by uncovering fraud and implementing processes to prevent fraud from occurring in the first place.

CFEs have a unique set of skills that are not found in any other career field or discipline; they combine knowledge of complex financial transactions with an understanding of methods, law, and how to resolve allegations of fraud.

Cryptocurrency Tracing Certified Examiner (CTCE) training provides hands-on instruction in blockchain and cryptocurrency tracing. Participants will develop and hone digital investigation techniques as they learn a risk-based approach to tracing the source of blockchain funds and de-anonymizing cryptocurrency transactions with cryptocurrency forensic tools.

TRAINING

Accessdata Bootcamp
Accessdata Windows Forensics
Accessdata Transition day
Accessdata Internet Forensics
Accessdata Vista Forensics
Guidance Software Encase Phase I
Guidance Software Encase Phase II
Guidance Software Encase Advanced computer forensics
Guidance Software Encase Advanced Internet Examinations
Guidance Software Encase Encase Enterprise Examinations
Guidance Software Encase Cybersecurity (Encase Enterprise)
Guidance Software eDiscovery
Guidance Software Mac Forensics
Guidance Software Host intrusion
Anti-hacking class
Berla iVE class
Cellebrite Mobile Forensic Fundamentals (CMFF)
Cellebrite Certified Logical Operator (CCLO)
Cellebrite Certified Physical Analyst (CCPA)
Cellebrite Advanced Smartphone Analysis (CASA)
Cellebrite Cryptocurrency Investigative Techniques (CCIT)
Cellebrite Computer Forensic Fundamentals (CCFF)
Cellebrite Apple® Forensic Fundamentals (CAFF)

Intella Advanced Training

PUBBLICATIONS

PTK: An Alternative Advanced Interface for the Sleuth Kit (Angelo Cavallini, Cristiano Maruti, Luca Losio, Thomas Orlandi, Michele Zambelli)

LANGUAGES

- English
    - Spoken: very good
    - Written: excellent
- Spanish
    - Spoken: elementary level
    - Written: elementary level
- Portoguese
    - Spoken: elementary level
    - Written: elementary level

Linkedin profile: http://www.linkedin.com/profile/view?id=13622180&trk=tab_pro