Evidence Solutions, Inc. • **Jeff@EvidenceSolutions.com**

SKILLS

- Mobile Devices
- Call Data Records
- Computer Systems
- Databases
- Digital Cameras
- Digital Media
- E-Mail
- Google Data
- GPS Systems
- iCloud Data
- Browsing Activity
- Intrusions
- Password Cracking
- Images & Videos
- Social Media
- Spreadsheets
- Malware Analysis
- Log Analysis

BUSINESS EXPERIENCE

Evidence Solutions, Inc.   **2021 – Present**
Digital Evidence Expert Witness
- Advanced Digital Forensics Examiner
- Digital Evidence Acquisition, Preservation, and Analysis
- Expert Witness Analysis, Reports, & Testimony

Michigan State Police, CYBER Crime Unit   **2017 – 2021**
Advanced Digital Forensic Examiner
- Conducted highly complex and sensitive investigations.
- Conducted forensic examinations involving peer-to-peer file sharing networks, an advanced network of multiple criminal users that share files globally.
- Conducted research and develops new methods of analyses, as well as improving and enhancing digital forensic data recovery methods.
- Conducted peer review of forensics examinations.
- Directed and performs investigations involving the use of advanced search programs via access of sophisticated computer systems and equipment.
- Conducted vulnerability studies and validation studies on computer hardware, software and network systems used to conduct computer forensics and Cyber Crime investigations.
- Established and maintains liaison with federal, state, and local law enforcement agencies and other entities interested in the training and research in computer forensics and cybercrime investigations
- Developed and delivered training courses for the law enforcement and criminal justice community of relevant classes, seminars, etc.
- Prepared court case exhibits and displays.
- Served as and is recognized as an expert witness for testimony at all levels in court regarding the results of evidence analyses and crime scene investigations.

Northern Michigan University   **2019 – Present**
Adjunct Instructor – Criminal Justice Department
- Develops course materials such as syllabi, assignments, assessments, and projects (technical labs)
- Delivers lectures to undergraduates on Cybercrime, Digital Forensics, and Computer Hacking Forensic Investigations
- Initiate, facilitate, moderate classroom discussions.

Digital Forensics in PLAIN English for Over 30 Years.

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BUSINESS EXPERIENCE cont.

- Plan, evaluate, and revise curricula, course content, course materials, and methods of instruction
- Conduct research in the field of cybercrime, digital forensics, and incident response
- Utilizes Quality Matters (QM) standards for course development

U.P. Catholic Credit Union   **2008 – 2017**
Chief Information & Security Officer
- Managed information technology support and operations, including server and network infrastructure operations.
- Managed Disaster Recovery Planning, Server Operations, and Desktop/End-user Support.
- Responsible for the discovery, mitigation and documentation of information technology security risks.
- Presented monthly risk management reports to executive management team and board of directors.
- Provided written technology policy guidance to managers, supervisors, staff and consumers/participants.
- Developed annual technology goals and detailed plans for goal accomplishment with budget planning.
- Prepared, maintained, and tested a technology disaster recovery plan.

Computer Associates of Marquette   **2003 – 2008**
Senior Windows/Network Administrator/Consultant
- Install and configure servers, desktops, and networking equipment.
- Troubleshoot network, Internet, and email problems for users.
- Administer multiple local area network systems and security.
- Manage backups/restores (disaster recovery) using Ntbackup, Veritas, Symantec.
- Analyze, log, track and complex software and hardware matters of significance pertaining to networking connectivity issues, printer, server, and application to meet business needs.
- Coordinate hardware and software installations and upgrades to ensure work is performed in accordance with company policy.
- Recommends resolutions to complex matters of significance and coordinate the implementation of the approved course of action.
- Develop disaster recovery, standard operating procedures, and security plans for customers and implement solutions.

United States Army   **1995 – 2007**
Battalion Tactical Intelligence Officer/Battalion Communications Officer
- 2/95 – 7/98 Michigan Army National Guard (Military Police)
- 7/98 – 6/01 United States Army Active Duty (Military Police Protective Services)
- 6/01 – 8/03 ROTC Michigan Army National Guard (Cadet Officer)
- 8/03 – 2/07 Michigan Army National Guard (Military Intelligence Officer)

TESTIFYING EXPERIENCE

- Qualified as an expert in the field of Digital Forensics Examinations in Alger County, Marquette County, and Delta County. (100% Criminal Proceedings)

SELECTED COMPUTER & TECHNOLOGY FORENSICS EXPERIENCE

- Certification Coach for the Certified Forensic Computer Examiner (CFCE) certification from the International Associated of Computer Investigative Specialists (IACIS)
- Adjunct instructor at Northern Michigan University teaching the Computer Hacking Forensic Investigator (CHFI) certification from EC-Council.
- Analyzed vehicle GPS data, cell phone tower triangulation, and cellphone data records (CDR) to locate a homicide victim buried in the middle of the forest (received an award).
- Maintained a 100% conviction rate of caseload with the Michigan State Police.

COMPUTER & TECHNOLOGY FORENSICS TEACHING EXPERIENCE

In addition to teaching Cybercrime, digital forensics, and Computer Hacking Forensics Investigator courses at Northern Michigan University I also regularly speak and teach Cybercrime, Digital Forensics, Cyber Security, Cyber etiquette, & Cyber Safety to various organizations. These organizations include:
- Community Schools K-12
- Community Organizations (Service Organizations, Church Groups)
- Industry Specific Events/Conferences (Financial Institution's, Lawyers, Medical Groups)
- I developed and specifically trained a group of Judges, Magistrates, and Attorneys in digital evidence.
- I teach digital forensics (search and seizure) to the Local Police Academy at Northern Michigan University.
- Chief of Police & Sherriff Groups
- Law Enforcement Agencies

CERTIFICATIONS

- CFCE, Certified Forensic Computer Examiner
- Cellebrite Certified Logical Operator
- Cellebrite Certified Physical Analyst
- Magnet Certified Forensic Examiner
- X-Ways and Advanced X-Ways Certificate of Training

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FORENSIC APPLICATION EXPERIENCE

Computer Forensic Tools (Software)
- Magnet Axiom (Acquire, Process, Examine)
- X-ways Forensics
- WinHex
- MAC Recon & Paladin
- OS Forensics
- Autopsy
- Access Data Forensic Toolkit (FTK)
- Forensic Explorer (FEX)

Cellular Phone Forensic Tools
- Cellebrite- Physical and Logical
- Grayshift - Graykey
- Oxygen

Other Forensic Tools
- OS Forensics
- OS Triage
- Wireshark

FORENSIC HARDWARE EXPERIENCE

External Hard Drives
SD Cards
Cellular Phones- Android & iOS
Desktops
Servers

Laptops
USB External Devices
Firewalls
Network Switches
Fitness Trackers

FORMAL EDUCATION

Graduation Date	Discipline	Institution
2003	BS Computer Information Systems	Northern Michigan University
2020	MS Cyber Security & Information	Davenport University

OTHER WORK EXPERIENCE

- Michigan State Police Fitness/Wellness Instructor: provide fitness and wellness (nutrition) training to department members.

- Michigan State Police Peer Support: provide peer support (first responder) to department members experiencing trauma or in need of emotional/mental support.

- CrossFit Level 1 Coach at Blackfly CrossFit.

CONTINUING EDUCATION AND TRAINING

Org	Code	Course	Hours	Date
NW3C	CI099	Basic Computer Skills	3	2/14/17
NW3C	CI100	Identifying & Seizing Electronic Evidence	2.5	2/15/17
NW3C	CI103	Introduction to Cellphone Investigations	1	2/15/17
NW3C	CS100	Introduction to Computer Networks	2.75	2/15/17
NW3C	CI141	Encryption	1	2/28/17
NW3C	CS110	Understanding Digital Footprints	0.5	2/28/17
NW3C	CI155	Online Undercover	1	3/2/17
NW3C	CI131	Social Media Basics	1	3/2/17
NW3C	HUNT	How to Hunt Criminals & Terrorists	8	5/18/17
FVTC	ICAC	2017 National LE Training on Child Exploitation	24	6/8/17
NW3C	CI102	How Computers Work and Store Data	3	7/3/17
NW3C	CI142	Encryption	1	7/5/17
NW3C	CI091	Introduction to Previewing	0.5	7/7/17
MAGNET	IEF200	Magnet Forensics Examiner (AX099)	40	7/21/17
NW3C	CI101	STOP Secure Techniques Onsite Previewing	16	8/15/17
NW3C	CC101	BDFI Basic Digital Forensic Imaging	16	8/17/17
DTMB	Security	Security at a Glance	1	8/28/17
NW3C	CC201	DEEP Digital Evidence Examination Processing	32	9/22/17
X-Ways	X-Ways	X-Ways Forensic Software	32	9/28/17
NW3C	Webinar	Drone Forensics 101 Web Seminar	1.5	11/2/17
DTMB	Security	Computer Security – Safe Computing	1	1/9/18
CompTIA	Security+	CompTia Security+ Training Course Online	40	3/9/18
Cellebrite	CCO	Cellebrite Certified Operator	14	3/27/18
Cellebrite	CCPA	Cellebrite Certified Physical Analyst	27	3/30/18
NW3C	CI151	First Responders & Digital Evidence	1.5	4/2/18
IACIS	BDFI	Basic Digitial Forensic Investigations	80	5/3/18
MITrain	SAT	Security Awareness Training 1-3B	2	7/2/18
NW3C	CI104	Virtual Currency	1	11/19/18
IACIS	CFCE	Certified Forensic Computer Examiner	80	10/12/18
Gridcop	CPS P2P	Gridcop CPS P2P Training	24	3/8/19
HSI	Dark Web	HSI Dark Web Training	8	3/26/19
IACIS	CAWFE	Certified Advanced Windows Forensic Examiner	36	5/10/19
SHIFT	SHIFT	Supporting Heroes in Mental Health Training	6	5/23/19
OSB	PSP	Office Behavioral Science Peer Support Training	8	10/28/19
PassMark	OSFCE	OSForensics OSFTC Course	7	12/02/19
PassMark	OSFCE	OSForensics OSFCE Course	20	12/05/19
MSAB	XAMN	MSAB XAMN Spotlight Certification	8	5/4/20
USSS	MAPS2019	Mass Attacks in Public Spaces 2019	4	8/6/20
US DOJ	NCJTC	National LE Training Child Exploitation	18.75	10/23/20
NW3C BCI	CI102	Basic Cyber Investigations – Dark Web	24	11/18/20
Davenport Univ.		Masters Science Cyber Security	432	12/30/20
IACIS	CIFR	Cyber Incident Forensic Response	76	5/08/21

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Skills

Business Experience

Testifying Experience

Selected Computer & Technology Forensics Experience

Computer & Technology Forensics Teaching Experience

Certifications

Forensic Application Experience

Forensic Hardware Experience

Formal Education

Other Work Experience

Continuing Education & Training

Professional Societies Past & Present

Personal

PROFESSIONAL SOCIETIES PAST AND PRESENT

• Michigan InfraGard (Since August 2019)

• Norther Michigan University Cyber Security Advisory Council (Since August 2019)

PERSONAL

In my personal time I enjoy off-roading in my Jeep. Time spent in Nature, especially in the middle of no where, in Gods Country (The Upper Peninsula) is so rewarding. I also enjoy fitness and am an avid Crossfitter and Crossfit trainer, helping others achieve fitness goals.

Ultimately family time is my most cherished moments. Nothing tops watching my kids grow, learn, and participate in the activities they love. My oldest daughter has blessed me with a grandson and that is one of my newest passions.

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