

Professional Experience

Experience with Computer/Digital Forensic Analysis

Forensic Application
Experience

Forensic Hardware Experience

Certifications

Professional Societies
Past & Present

<u>& Technology</u>
Forensics Experience

Computer &
Technology Forensics
Teaching Experience

Formal Education

Other Work Experience

Testifying Experience

Continuing Education & Training

Personal

JEFF MARTIN

Evidence Solutions, Inc. • Jeff@EvidenceSolutions.com

SKILLS —

- Browsing Activity
- Call Data Records
- Cloud Data
- Computer Systems
- Criminal Defense Investigations
- Cyber Security Instructor
- Cyber Investigations
- Databases
- Digital Cameras
- Digital Media
- Electronic Medical Records
- E-Mail

- Google Data
- GPS Systems
- iCloud Data
- Images & Videos
- Incident Response
- Intrusions
- Log Analysis
- Malware Analysis
- Mobile Devices
- Password Cracking
- Social Media
- Triangulation / Location

PROFESSIONAL EXPERIENCE —

Evidence Solutions, Inc.

Digital Evidence Expert Witness

- Advanced Digital Forensics Examiner
- Digital Evidence Acquisition, Preservation, and Analysis
- Licensed Private Investigator (AZ, TX, MI)
- Expert Witness Analysis, Reports, & Testimony

Davenport University

Faculty Instructor - College of Technology

- Cybersecurity Foundations
- Legal/Ethical Issues in Information Assurance
- Authentication and Audits
- Vulnerability Assessment
- Microsoft Network Infrastructure

Northern Michigan University

Faculty Instructor - College of Business

- Cybersecurity Foundations
- Quantitative Business Problem Solving
- User Interface Design (UX / UI)
- Cyber Law

Adjunct Instructor - Criminal Justice Department

- Cybercrime & Digital Forensics
- Computer Hacking Forensic Investigator (CHFI), Certification Course

Adjunct Instructor - Police Academy

2017 - Present

2021 - Present

2023 - Present

2023 - Present

2019 - Present

- Digital Forensics Evidence Search & Seizure
- Cyber Investigations

Michigan State Police, Intelligence Operations Division, Computer Crimes Unit

Advanced Digital Forensic Analyst

2017 - 2021

- Computer Forensic Imaging and Forensics (peer review)
- Cellular Phone Analysis
- Cellular Phone Imaging





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EXPERIENCE cont. —

- Cyber Investigations
- Forensic Examinations

U.P. Catholic Credit Union

Chief Information & Security Officer

- Managed IT support operations, including server & network infrastructure operations.
- Managed Disaster Recovery Planning, Server Operations, and End-user support.
- Responsible for the discovery, mitigation and documentation of IT 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

2008 - 2017

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)

EXPERIENCE WITH COMPUTER/DIGITAL FORENSICS ANALYSIS —

Drive Imaging and Analysis

- Over 550 Devices
- Cellular Phone Analysis
- Over 700 Devices

External Media

Over 500 Devices





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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)
- W4

Cellular Phone Forensic Tools

- Cellebrite- Physical and Logical
- Grayshift Graykey
- Oxygen
- CellHawk

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

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
- Hawk Analytics' Cellular Technology, Mapping & Analysis Training

PROFESSIONAL SOCIETIES PAST AND PRESENT —

- Michigan InfraGard (Since August 2019)
- Norther Michigan University Cyber Security Advisory Council (Since August 2019)
- International Association of Computer Investigative Specialists (IACIS)

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 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.





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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
- Community Organizations (Service Organizations, Church Groups)
- Industry Specific Events/Conferences (Financial Institutions, 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 & Sheriff Groups
- Law Enforcement Agencies

FORMAL EDUCATION -

Graduation Date

2003

Graduation Date

2020

Discipline

BS Computer Information
Systems

Discipline

MS Cyber Security & Information Assurance

Institution

Northern Michigan University

Institution

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.

TESTIFYING EXPERIENCE —

 Qualified as an expert in the field of Digital Forensics Examinations in Numerous Jurisdictions in the United States and the Cayman Islands





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CURRICULUM VITAE OF JEFF MARTIN

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CONTINUING EDUCATION AND TRAINING -

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 Digital 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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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.

