CURRICULUM VITAE

Gerald R. Grant Jr.

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PROFESSIONAL SUMMARY

Mr. Grant is an AccessData Certified Examiner, Cellebrite Certified Operator, Cellebrite Certified Physical Analyst, Cellebrite Certified Mobile Examiner, Cellebrite Certified Advanced Smartphone Analysis Examiner, Cellebrite Certified Advanced Smartphone Extraction Examiner, Cellebrite Certified Evidence Repair Technician - Forensics, Cellebrite Iron Python Certified, Cellebrite Chip-Off Forensics Certified, systems analyst, programmer and trainer with more than 25 years of experience involving digital forensics, cell site analysis, social site investigations, eDiscovery and litigation support. He has been involved in many state and federal cases and has been qualified as an expert.

He is currently an Independent Digital Forensics Investigator/Consultant, and an Investigator (Specializing in Digital Forensics) for the Western District of New York Federal Public Defender's Office. He was previously the Computer Systems Administrator for the NYW Federal Public Defender's Office, as well as the Acting Chief, National IT LAN Application and Policy Support Team for the Administrative Office of the United States Courts - Office of Defender Services. He oversees the NYW automation program and is involved in national IT/digital forensic support for the Federal Defender Organization.

He specializes in computer forensics, cell phone forensics, cell site analysis, e-mail analysis, social media investigations, eDiscovery, litigation support and training. He performs forensic investigations on digital evidence involved in State and Federal Cases. He is based out of the Western District of New York but travels frequently around the country. He is involved with many projects related to digital forensics and litigation support. He lectures frequently at national and local conferences and conducts independent and group training.

He is a graduate of Bryant and Stratton Business Institute with an AS Degree in computer programming. He is also the recipient of many certificates in forensics, specialized computer training and programming. He has extensive knowledge of digital forensics, computers, operating systems, mobile devices, and cell site analysis.

EDUCATION

- **A.A.S. -** Bryant & Stratton Business Institute, Computer Programming

PRE/POST EDUCATIONAL TRAINING/OTHER

- Computer Programming Course: B.O.C.E.S. Genesee County
- Computer Crime Seminar: Medaille College
- Yearly Training - Computer Forensics, Computer Automation, and Computer Related Litigation Support
- AccessData FTK (Forensic Tool Kit) BootCamp Course
- AccessData PRTK (Password Recovery Tool Kit) BootCamp Course
- AccessData Windows Forensics Course
- AccessData Certified Examiner (ACE)
- National Defender Investigator Association Training
- Regional Computer Forensics Lab "Capturing a Running Computer System"
- Regional Computer Forensics Lab "Decoding Digital Evidence"
- Regional Computer Forensics Lab "Digital Forensics and Social Media Evidence"
- Paraben Corporation "Mobile Training Level 3 - GPS & Cell Site Analysis"
- Cellebrite "Physical Analyzer - Advanced Decoding Techniques"
- Cellebrite "Password and User Lock Bypass"
- Cellebrite "Advanced Decoding Techniques"

- DFI “Host-based Forensics - DDoS Attack”
- Cyber Forensics 360 “Cellular Triangulation” (Cell Site Analysis)
- ViaForensics “Burner Phone Forensics”
- Guidance Software “Placing the Suspect Behind the Keyboard”
- Cellebrite “Mobile Forensics Fundamentals” (CMFF)
- Cellebrite “Certified Operator” (CCO)
- Cellebrite “Certified Physical Analyst” (CCPA)
- Cellebrite “UFED Cloud Analyzer - Unlock actionable intelligence from cloud data”
- Magnet Forensics “Mobile Chat & Social App Forensics”
- Guidance Software “Integrating GPS Data into Digital Investigations”
- Guidance Software “GPS Location Accuracy - Triangulation vs. Trilateration”
- Magnet Forensics “Evidence You Need for More Confessions, Plea Bargains and Convictions”
- Cellebrite “Certified Mobile Examiner” (CCME)
- Teel Technologies “Advanced Smartphone Forensics”
- Cellebrite “Physical Analyzer 5.0"
- AccessData/Binary Intelligence “JTAG & Chip-Off Mobile Forensics”
- Cellebrite “UFED Analytics Desktop”
- Magnet Forensics “Using Custom Artifacts and Dynamic App Finder to Investigate Mobile Chat Apps”
- Magnet Forensics “Taking the Mystery out of Android Marshmallow Analysis”
- Magnet Forensics “Methods for Parsing New Applications”
- Cellebrite “Overcoming the Challenges of Locked and Encrypted Mobile Devices”
- Magnet Forensics “Android Emulators”
- BlackBag Technologies “Advanced Windows Artifacts”
- Cellebrite “Advanced Smartphone Analysis” Certified Examiner (CASA)
- Magnet Forensics “Dig Deeper with AXIOM 1.1"
- Cellebrite “Fast-Track Your Investigations with Unique Analytic Engines”
- Magnet Forensics “The Good, the Bad, and the Useless: The Truth about Geolocation Data”
- Guidance Software “Overcoming Smartphone Forensics: Mobile Investigator”
- Magnet Forensics “Taking a Bite Out of Android’s Tasty New Versions”
- Guidance Software “Uncovering Mobile App Evidence with EnCase Mobile Investigator”
- Magnet Forensics “Understanding Android Data Recovery in Forensic Investigations”
- Magnet Forensics “The Power of Integrated Digital Forensics”
- Magnet Forensics “AXIOM Cloud Preview”
- Magnet Forensics “Artifacts in the Cloud and the Impact on Forensics”
- Magnet Forensics “Connecting the Dots Between Artifacts and User Activity”
- AccessData “The Deep and Dark Web”
- Cellebrite “Discover Actionable Intelligence to Fight Child Exploitation”
- AccessData “How to Investigate Internet Artifacts”
- AccessData “Edge/Cortana Forensics”
- SANS/Magnet Forensics “Making IoT Relevant”
- AccessData “Forensic Analysis of the Windows Journaling Log”
- Paraben Corporation “6 Keys to Conducting Effective Smartphone Forensic Investigations”
- AccessData “How to Raise the Bar on Your Investigations”
- AccessData “macOS Forensics”
- AccessData “How to Use Advanced Searching Techniques”
- Cellebrite “Solve Your Case Faster with Evidence from the Social Media Public Domain”
- AccessData “Mobile Device Data on Computers”
- Guidance Software “Fighting Child Exploitation with Digital Forensics”
- AccessData “Detecting & Attacking TrueCrypt”
- AccessData “Basic Registry Analysis”
- Cellebrite “Challenges and Changes in the Use of Digital Evidence”
- AccessData “Windows Journal Analysis”
- Cellebrite “Access Mobile Device Evidence Faster Using Emergency Download Mode (EDL)”
- Magnet Forensics “Forensics in the Cloud: How to Conduct an Office 365 Investigation”
- AccessData “Dark Web”
- AccessData “Processing Mobile Evidence In FTK”
- Magnet Forensics “Mobile Trends, Tools and Methods”
- Cellebrite “Accessing Inaccessible Apps”
- Magnet Forensics “Mobile App Parsing – All About That Data”
- Cellebrite “Enhancing Investigations with The Internet of Things”
- Magnet Forensics “AXIOM Advanced Mobile Forensics - AX300” Course

- Magnet Forensics “Connecting Artifacts and Users to Prove Intellectual Property Theft”
- Magnet Forensics “iOS 11 And Android Nougat/Oreo – An In-Depth Look at The Latest Mobile OSes”
- SANS Institute “No Tool Fits All - Why Building a Solid Toolbox Matters”
- Magnet Forensics “Unlocking iOS 11's Gates with GrayKey and AXIOM”
- Cellebrite Certified “Advanced Smartphone Extraction” Examiner (CASE)
- Cellebrite Certified “Chip-Off Forensics” (CCOF)
- Magnet Forensics “Fraud, IP Theft, And an Intrusion: A Case Study with Gillware Digital Forensics”
- Cellebrite “Safely Extract Digital Evidence with Advanced EDL Methods”
- Cellebrite “The Convergence of Physical and Virtual Data for Faster Discovery of Evidence”
- Magnet Forensics “An In-Depth Look at Different Password Bypass Options”
- DME Forensics “Getting Started with DVR Examiner”
- Magnet Forensics “Apple’s Tween Years: iOS’ Maturation From 10 Through 11 And Into 12”
- Cellebrite “How to Incorporate Cloud Evidence into Your Investigations for Maximum Results”
- Magnet Forensics “Memory Analysis for Investigations of Fraud and Other Wrongdoing”
- Magnet Forensics “Hide, Seek, And Find: Memory Analysis for Fast Incident Response”
- Cellebrite “Incorporating Time Sequenced Video and Mobile Data into Case Timelines”
- BlackBag Technologies “Physical Decrypted Images from Macs with The T2 Chip”
- Cellebrite “Getting Ready for The Future of Digital Investigations: From Evidence to Intelligence”
- BlackBag Technologies “Finding Insider Threats: Digging Deeper”
- Magnet Forensics “macOS: Forensic Artifacts and Techniques That Are Essential for Mac Investigations”
- Cellebrite “Mastering the Mobile Device Challenge In eDiscovery”
- Cellebrite “Accessing the Inaccessible: Overcoming the Challenge of Encryption”
- Cellebrite “Accessing the Latest iOS & Android Devices for Investigations”
- Udemy “Micro-Soldering “The Full Curriculum”
- BlackBag Technologies “Windows 10 Activity Timeline: An Investigator's Gold Mine”
- Cellebrite “Accessing Encrypted Mobile Device Evidence Using EDL (Emergency Download)”
- Cellebrite “Fact or Fiction: What Do You Really Know About iOS 13"
- Cellebrite “Everything About Bootloaders”
- Hawk Analytics “Myths and Realities of Cell Site Coverage Areas”
- Hawk Analytics “6 Things Every Prosecutor Needs to Know About Cell Phone Records in Court”
- Hawk Analytics “4 Major Carrier Breakdowns - How to Interpret Your Returns”
- Cellebrite Certified “Evidence Repair Technician - Forensics” (CERT-F)
- BlackBag Technologies “Solving the Mystery Behind Imaging A Mac Computer”
- Hawk Analytics “Call Detail Records: Best Practices for Legal Requests”
- BlackBag Technologies “BlackLight/APOLLO: “Use Apple Pattern-Of-Life Data in Your Investigations”
- Cellebrite “Detecting Mobile Malware When Time Is of The Essence”
- BlackBag Technologies “Ask the Experts: A Deep Dive into Keychain and Spotlight Artifacts”
- Magnet Forensics “AXIOM Interactive Training”
- Cellebrite “Part 1 - Basic Setup and Kickstarting the Investigation”
- Cellebrite “Part 2 - Leveraging Key Capabilities to Maximize the Review Process”
- Cellebrite “Part 3 - Leveraging Key Insights to Dig Deeper in UFED Physical Analyzer”
- BlackBag Technologies “Catalina: A Voyage Through Apple’s New Artifacts”
- Teel Technologies “Faraday Shielding in A Nutshell”
- Hawk Analytics “Tower Dumps: 3 Analysis Methods to Add Value to Your Case”
- BlackBag Technologies “Digital Investigations for Mac & Windows: A Forensic Workshop”
- PATCtech “Cellular Records Analysis and Mapping”
- SecurCube “Call Detail Record Analysis/Cell Site Analysis LV.1"
- Teel Technologies “How to Find That Elusive EDL Point”
- Basis Technology “Autopsy Basics and Hands-On”
- Magnet Forensics “Pattern of Life Analysis”
- Magnet Forensics “Reverse Engineering Android”
- BlackBag Technologies “Analyzing macOS with BlackLight's APOLLO Plugin”
- Teel Technologies “Preparing Memory Chips: A Look into Chip-Off”
- Magnet Forensics “Evolution of Ransomware”
- Magnet Forensics “Investigating with AXIOM”
- Magnet Forensics “Utilizing Timeline Analysis”
- Magnet Forensics “Jailbreaking iOS Devices: Checkra1n! + Magnet ACQUIRE”
- Hawk Analytics “Carrier Breakdown Series - Sprint Returns”
- Magnet Forensics “Not Your Father's Forensics”
- Teel Technologies “CipherTrace - Cryptocurrency Forensics”
- Magnet Forensics “Cryptocurrency Investigations and Follow the Transaction Trail”

- Magnet Forensics “macOS Forensics: The Next Level - Taming the T2 Chip & More”
- Magnet Forensics “Exploring Apple’s macOS Operating System Artifacts”
- Magnet Forensics “Internet of Things Forensic Challenge”
- Teel Technologies “Updating iOS Firmware!”
- Magnet Forensics “Performing Linux Forensic Analysis and Why You Should Care”
- BlackBag Technologies “Digital Investigations for Mac & Windows: A Forensic Workshop 2”
- Hawk Analytics “Carrier Breakdown Series - Verizon Returns”
- BlackBag Technologies “Trust but Verify: Digital Artifact Edition”
- Hawk Analytics “Carrier Breakdown Series - T-Mobile Returns”
- Magnet Forensics “Thwarting Mac T-2 Encryption & SIP With Remote Acquisition”
- Magnet Forensics “AXIOM Examinations - AX200" Course
- Hawk Analytics “Carrier Breakdown Series - AT&T Returns”
- BlackBag Technologies “Physical Acquisition and Analysis of T2 Protected Macs”
- Hawk Analytics “Beyond the Map: 5 Ways to Take CDR Analysis to The Next Level”
- Magnet Forensics “Using File System Explorer in Magnet AXIOM”
- Cellebrite “Qualcomm Live Extractions”
- Hawk Analytics “Using Geo-Location OSINT Data to Further Your Investigations”
- Hawk Analytics “Cellular Technology, Mapping & Analysis Course”
- Cellebrite “Apple Diagnostic Logs - Phones and More”
- Magnet Forensics “Acquiring and Parsing Sysdiagnose Log Archives From iOS Devices In AXIOM”
- Hawk Analytics “The Importance of Using the Correct Cell Site List”
- Magnet Forensics “Tips and Tricks Knowledge© Is Power - Analyzing the KnowledgeC.db”
- Hawk Analytics “Myths and Realities of Cell Site Coverage Areas”
- Cellebrite “Iron Python” Certified
- Cellebrite “UFED Advanced Extractions Part 1: APK Downgrade File System Extraction”
- Hawk Analytics “Creating A Successful Cellular Analysis Report”
- Oxygen Forensics “Decrypting iTunes Backups”
- Magnet Forensics “Chromebook Acquisition”
- Oxygen Forensics “Documenting Drone Telemetry”
- Oxygen Forensics “Using the OxyAgent Overtly and Covertly”
- Oxygen Forensics “MediaTek Extraction with File Based Encryption”
- Magnet Forensics “Offline iOS Tracking and Remote Wiping”
- Oxygen Forensics “Oxygen Forensic Extractor Updates”
- Oxygen Forensics “Building a Picture Using Call Data Records”
- Oxygen Forensics “When an Android Phone is All You Have”
- Magnet Forensics “Watching the Watchers: Using Device Metrics for User Attribution”
- Compelson “Smartwatch Forensics”
- iPadRehab “Practical Board Repair and Microsoldering” Training
- Magnet Forensics “Unlocking iOS 17’s Secrets: Exploring the Full File System”
- Exterro “FTK Core Training”
- Magnet Forensics “Logging La Vida Loca”
- Cellebrite “Inseyets & Premium”
- Magnet Forensics “AXIOM 8”
- LeadsOnline “CellHawk Training”
- Cellebrite “AI in Investigations”
- Magnet Forensics “Restoring the Past”
- Cellebrite “It's About Time: Mastering Timestamps”
- Magnet Forensics “Focusing in on Apps in Focus”
- Magnet Forensics “Investigating the Intents”
- Magnet Forensics “Mobile Forensic Images: Getting the Right Data”
- Magnet Forensics “Eyes on Eighteen: Exploring iOS 18”
- Magnet Forensics “Following the Money: Tracking Mobile Payment Artifacts”
- Exterro “Mobile Forensics: Alibi Maker or Alibi Breaker”
- Magnet Forensics “Overcoming Mobile Forensics Challenges in Workplace Investigations”
- Magnet Forensics “Split Personalities: Understanding Multiple User Accounts in Android”
- Magnet Forensics “ADB: It's Easy as ABC: Understanding the Power of ADB Commands”
- Cellebrite “Deep Dive into Facebook”
- Magnet Forensics “Unlocking DFIR: Free Resources for Efficient Triage and Acquisition”
- Magnet Forensics “Apples, Onions, and Ogres: Dealing with Layered iOS Data Structures”
- Magnet Forensics “Magnet Verify”
- Magnet Forensics “Mobile Forensics Solutions”
- Magnet Forensics “Rotten to the Core: Investigating iOS Stalkerware”

- Magnet Forensics “Keeping Secrets Within Hidden-Locked Mobile Apps”
- Magnet Forensics “Key Artifacts in Child Abduction-Enticement Case”
- Magnet Forensics “Sysdiagnose Logs 101”
- Magnet Forensics “macOS Lockdown Mode”
- Magnet Forensics “Uncovering the Unseen”
- Magnet Forensics “Discussing the Data Drop-Off”
- Magnet Forensics “Talking About Times: Deeper Diving File Timestamps”
- Teel Technology “Demystifying Outdoor DAS”
- Magnet Forensics “Uncover AI-Generated Material”
- Magnet Forensics “Aligning on Android Acquisitions”
- Magnet Forensics “Exploring Samsung’s Secure Folder Feature”
- Magnet Forensics “Unlocking Mobile Insights for Traffic Investigations”
- Magnet Forensics “Baking Up Baklava: Taking a Look at what Android 16 is Cooking”
- Cellebrite “Accelerating Child Exploitation Investigations with NCMEC”
- Magnet Forensics “AI in Media Forensics”
- HTCIA “Assessing the Accuracy of iPhone GPS Data”
- Administrative Office of the US Courts “AI Becomes Sueveillance”

ACADEMIC AND PROFESSIONAL SKILLS / INTERESTS

- More than 25 years of experience with data extraction / computer forensics / mobile forensics
- Programming skills in multiple computer languages
- Web page design / development
- Computer repair / troubleshooting
- Experience in all aspects of personal computers
- Extensive knowledge of DOS and all versions of Windows Operating System
- Extensive knowledge and experience with popular software applications
- Extensive knowledge of computer hardware and configurations
- Extensive knowledge with the technical workings of computer hard drives
- Extensive knowledge of computer forensics, mobile forensics, and cell site analysis
- Lectured at several local and national conferences regarding file structures, computer forensics, mobile forensics, cell site analysis, data recovery, GPS, and other location information.
- Lectured on numerous technical subjects including DOS and Windows file systems, architecture and the boot process, DOS and Windows examination techniques and procedures, recovery of deleted files, date and time stamp definitions / alterations, recovering formatted disks, the process and problems in making duplicate copies of media, file type identification and the use of file viewing applications during examinations, archived files and compressed disks, data format conversion, and the examination of Windows swap and related files.
- Micro-Soldering processes & techniques
- Mobile device repair / troubleshooting
- Flasher Boxes / JTAG Boxes / ISP Boxes / Memory Programmers
- Advanced JTAG / ISP / Chip-Off processes and techniques
- Python Scripting/Programming

PROFESSIONAL EXPERIENCE

Digital Forensics Investigator/Consultant, JR Computer Consulting, 1990 - Current. Independent Digital Forensics Investigator/Consultant. Primarily involved with computer forensics, cell phone forensics, cell site analysis and data recovery utilizing the latest techniques and software. Experienced in the latest computer and cell phone forensic tools including Magnet AXIOM, Magnet IEF, Forensic Tool Kit (FTK), EnCase, Cellebrite UFED (Universal Forensic Extraction Device), Oxygen Forensic Detective, Elcomsoft iOS Forensic Toolkit, Cellebrite Inspector, Cellebrite Digital Collector, Passware, Mobile Phone Examiner, Paraben Device Seizure, BitPIM, NetAnalysis, HstEx, Mount Image PRO, Event Log Explorer, Gargoyle Investigator, Aid4Mail, Forensic E-Mail Collector, VMWare, and many others.

Investigator (Specializing in Digital Forensics), Federal Public Defender’s Office, Western District of New York, 2010 - Current. Provides all computer forensics, cell phone forensics and cell site analysis for the Western District of New York Federal Defender Organization. Also provides all forensic support, as needed, for other FPD offices in the U.S. Provides computer forensics, cell phone forensics, cell site analysis and automation support for the CJA, (Criminal Justice Act), panel of lawyers on Federal Cases.

Acting Chief, National IT LAN Application and Policy Support Team, Office of Defender Services, Federal Public Defender's Office - Western District of New York, 1999 - 2007. Provided automation and computer forensics support/management for the entire Federal Defender Organization. Involved nationally in all factors involving automation equipment as it relates to the offices. Provided computer forensics, cell phone forensics, cell site analysis and automation support for the CJA, (Criminal Justice Act), panel of lawyers on Federal Cases Nationally. Set all national automation standards for the entire Federal Defender Program. Spoke at many national and local conferences involving forensics, technical, and legal subjects related to computers.

Computer Systems Administrator, Federal Public Defender's Office, Western District of New York, 1994 - 2010. Provided computer forensics, cell phone forensics, cell site analysis and all automation for the Western District of New York Federal Defender Organization. Involved locally in all factors involving automation equipment as it relates to the offices. Provided computer forensics, cell phone forensics, cell site analysis and automation support for the CJA (Criminal Justice Act), panel of lawyers on Federal Cases.

Corporate Computer Sales, CompuAdd Computers, 1988 - 1990. Involved with Major Corporate Accounts dealing with all factors of computer systems in the Western District of New York.

PROFESSIONAL MEMBERSHIPS, HONORS AND AWARDS

Monroe County Bar Association
- 1999 Presidents Award for development of the MCBA Web Site

Administrative Office if the U.S. Courts - Office of Defender Services
- 2005 Recognition for Effort and Support of National E-Mail Project Team
- 2007 Recognition for Commitment and Accomplishments of National Work

SEMINARS / TRAINING / LECTURES

Date	Seminar/Training	Lecture Topic(s)
09/26/2001	Monroe County Bar Association	Computers and Ethics: Security and Privacy Issues
10/30/2001	Federal Public Defender's Office NYW - Federal Criminal Defense Practice Seminar	Computer Enhanced Presentation of Evidence
04/05/2002	Greater Rochester Association of Women Attorneys	Computers and Ethics: Security and Privacy Issues
08/12/2002	Administrative Office of the U.S. Courts - ODS Training Branch - Law & Technology Workshop	Introduction to PowerPoint and Trial Director
12/06/2002	Federal Public Defender's Office NYW - Federal Criminal Defense Practice Seminar	Update on Courtroom Technology
07/22/2003	New York State Defenders Association	Computer Forensics in Child Pornography Cases
09/22/2003	Administrative Office of the U.S. Courts - ODS Training Branch - Law & Technology Workshop	Introduction to PowerPoint and Trial Director
11/13/2003	Western New York Chapter of The Women's Bar Association	Ethics and Technology
11/15/2003	New York State Defenders Association	Computers and Ethics: Security and Privacy Issues
06/30/2004	Monroe County Bar Association	Obtaining and Working with Electronic Evidence
09/01/2004	Administrative Office of the U.S. Courts - ODS Training Branch - Law & Technology Workshop	Introduction to PowerPoint and Trial Director
03/30/2005	Federal Judicial Center Investigators and Paralegal Specialists Seminar	Computer Search Warrants: Fourth Amendment Issues and Litigation Strategies
06/22/2005	Administrative Office of the U.S. Courts - ODS Training Branch - Trial Advocacy Workshop	Introduction to PowerPoint and Trial Director
08/31/2005	Administrative Office of the U.S. Courts - ODS Training Branch - Law & Technology Workshop	Introduction to PowerPoint and Trial Director
09/07/2005	Monroe County Bar Association	Overview of Computer Forensics
10/21/2005	New York State Court of Claims	Legal Ethics & Technology - Computer Forensics
04/19/2006	Administrative Office of the U.S. Courts - ODS Training Branch - Law & Technology Workshop	Introduction to PowerPoint and Trial Director
04/26/2006	Federal Judicial Center Investigators and Paralegal Specialists Seminar	Technology and the Fourth Amendment: Current Issues in Criminal Litigation - Computer Forensics
06/08/2006	Monroe County Bar Association	Ethics and the Internet: A Technical View

Date	Seminar/Training	Lecture Topic(s)
07/27/2006	Administrative Office of the U.S. Courts - ODS Training Branch - Law & Technology Workshop	Introduction to PowerPoint and Trial Director
09/07/2006	Administrative Office of the U.S. Courts - ODS Training Branch - Complex Litigation Seminar	Computer Search Warrants: Fourth Amendment Issues and Litigation Strategies
09/13/2006	Administrative Office of the U.S. Courts - ODS Training Branch - Law & Technology Workshop	Introduction to PowerPoint and Trial Director
09/21/2006	National Defender Investigator Association	Technology and the Fourth Amendment: Current Issues in Criminal Litigation - Search Warrants / Computer Forensics
10/06/2006	Southern Federal Defender Program - ALS - CJA Panel Training	Computer Forensics: How to Address Issues in Pornography Cases
02/09/2007	Administrative Office of the U.S. Courts - ODS Training Branch - National CJA Winning Strategies Seminar	Computer Forensics: Issues in Pornography Cases
04/19/2007	Administrative Office of the U.S. Courts - ODS Training Branch - Law & Technology Workshop	Introduction to PowerPoint and Trial Director
05/03/2007	Federal Public Defender's Office PAE - CJA Panel Training	Technology and the Fourth Amendment: Current Issues in Criminal Litigation
05/04/2007	Federal Public Defender's Office NYW - Federal Criminal Defense Practice Seminar	Technology and the Fourth Amendment: Current Issues in Criminal Litigation - Search Warrants / Computer Forensics
06/29/2007	Federal Public Defender's Office SD/ND - Remote Seminar	Computer Forensics / Cell Site Information / Cell Phone Forensics
07/26/2007	Administrative Office of the U.S. Courts - ODS Training Branch - Law & Technology Workshop	Introduction to PowerPoint and Trial Director
08/28/2007	Administrative Office of the U.S. Courts - ODS Training Branch - Law & Technology Workshop	Introduction to PowerPoint and Trial Director
11/17/2007	New York State Association of Criminal Defense Lawyers	Computer Forensics: Technical Issues in Criminal Cases
11/30/2007	Federal Public Defender's Office NYW - Federal Criminal Defense Practice Seminar	Technology and the Fourth Amendment: Current Issues in Criminal Litigation - Cell Site Information / Cell Phone Forensics
01/15/2008	Digital Rochester - Knowledge Upgrade Series v18	Getting the Evidence: Computer Forensics
02/02/2008	New York State Association of Criminal Defense Lawyers	Computer Forensics / Cell Site Information / Cell Phone Forensics
02/11/2008	Rochester Institute of Technology	Forensic Investigation, Laws, and Technology
04/03/2008	Judge Feldman's Chambers -Visitors from Russia	Forensic Investigation, Information and Demonstration
04/23/2008	WXOV AM Radio - New Rochelle, NY - Don't Worry Murray Show	Computer Forensics / Cell Phone Forensics / Cell Site Analysis
06/12/2008	Administrative Office of the U.S. Courts - ODS Training Branch - National CJA Winning Strategies Seminar	Technology and the Law: Computer Forensics
07/21/2008	New York State Defenders Association	Technology Issues in Criminal Defense (Computer and Cell Phone Forensics)
04/06/2009	Monroe County Bar Association	Computer Technology - Defending Child Enticement Cases - Social Sites / IM / Forensics
07/30/2009	Judge Feldman's Chambers -Visitors from Russia	Forensic Investigation, Information and Demonstration
10/10/2009	Monroe County Public Defender's Office / New York State Defenders Association / Easton Thompson Kasperek & Shiffrin	Technology Based Evidence: How to Find It and Use It to Your Advantage
10/30/2009	New York State Association of Criminal Defense Lawyers	Computer Forensics / Cell Site Information / Cell Phone Forensics
11/04/2009	Monroe County Bar Association / Greater Rochester Association for Women Attorneys	Cyberstalking and the Potential for Privacy Intrusion - the Electronic Way
02/11/2010	Monroe County Public Defender's Office	Technology Based Evidence - Practicing in The New Age - Part 1
02/19/2010	Monroe County Public Defender's Office	Technology Based Evidence - Practicing in The New Age - Part 2
04/24/2010	New York State Defenders Association - Family Court Practitioners / Adult Representation in Family Court	Admissibility of text Messages, E-Mails, and Social Networking Sites
07/22/2010	Judge Feldman's Chambers -Visitors from Russia	Forensic Investigation, Information and Demonstration
09/23/2010	Administrative Office of the U.S. Courts - ODS Training Branch - National Techniques in Electronic Case Management Workshop	Introduction to Adobe Acrobat, ISYS Indexer, Lexis/Nexis CaseMap Suite
10/13/2010	Queens County Bar Association - CLE	Technology Based Evidence - Practicing in The New Age - Computer Forensics / Cell Phone Forensics / Cell Site Analysis
11/05/2010	Federal Public Defender's Office NYW - Federal Criminal Defense Practice Seminar	eDiscovery - Issues and Solutions for the Modern Case

Date	Seminar/Training	Lecture Topic(s)
01/20/2011	Administrative Office of the U.S. Courts - ODS Training Branch - Law & Technology Workshop	Introduction to PowerPoint and Trial Director
04/07/2011	Federal Public Defender's Office TXW - El Paso CJA Seminar	Investigation Tools "Technology & Litigation Based Evidence"
09/22/2011	Administrative Office of the U.S. Courts - ODS Training Branch - National Techniques in Electronic Case Management Workshop	Introduction to Adobe Acrobat, ISYS Indexer, Lexis/Nexis CaseMap Suite
10/29/2011	NYSACDL - Annual Fall Syracuse CLE Seminar	Overview and Introduction to Electronic Evidence Presentation and Trial Preparation
11/05/2011	Annual El Paso Criminal Law Seminar	Investigation Tools "Technology & Litigation Based Evidence"
11/19/2011	NYSDA / Monroe County Public Defender - Defending Against Snitches & Using and Challenging Scientific Evidence Seminar	Cell Site Analysis "What to Get, How to Get It, and How to Use It"
01/03/2012	Administrative Office of the U.S. Courts - ODS Training Branch - National Techniques in Electronic Case Management Workshop	Introduction to Adobe Acrobat, ISYS Indexer, Lexis/Nexis CaseMap Suite
02/24/2012	Legal Aid Society - CLE Training	Computer Forensics / Cell Phone Forensics / Cell Tower Analysis
03/10/2012	NYSDA Twenty-Sixth Annual Metropolitan New York Trainer	Cell Site Analysis "What to Get, How to Get It, and How to Use It"
03/15/2012	The Second Circuit Judicial Council and the Federal Defenders of New York Adobe Training CLE	Use of Adobe Acrobat to manage the discovery in small and medium size criminal cases
04/19/2012	National Defender Investigator Association Seminar	Cell Phone Forensics & Cell Site Analysis
05/10/2012	The Northern District of New York Federal Court Bar Association	Overview and Introduction to Electronic Evidence Presentation and Trial Preparation
07/09/2012	Federal Defenders of New York Case Study	Computer Forensics
07/19/2012	Administrative Office of the U.S. Courts - ODS Training Branch - Law & Technology Workshop	Introduction to PowerPoint and Trial Director
09/13/2012	Administrative Office of the U.S. Courts - ODS Training Branch - National Techniques in Electronic Case Management Workshop	Introduction to Adobe Acrobat, ISYS Indexer, Lexis/Nexis CaseMap Suite
11/02/2012	Ceremonial Court - Buffalo, NY - Digital Forensic Evidence in Criminal Cases	Computer Forensics
11/08/2012	New York State Defenders Association - eDiscovery Seminar	Introduction to Adobe Acrobat, CaseMap, TimeMap, Trial Director, iPads in the Courtroom
11/16/2012	Federal Public Defender's Office NYW - Federal Criminal Defense Practice Seminar	iPads in the Legal World, Courtroom Technology and Beyond
01/03/2013	Administrative Office of the U.S. Courts - ODS Training Branch - National Techniques in Electronic Case Management Workshop	Introduction to Adobe Acrobat, ISYS Indexer, Lexis/Nexis CaseMap Suite
02/12/2013	Legal Aid Society - CLE Training	Cell Phone Forensics / Social Site Investigations
03/14/2013	Cornell University Law School Lecture	Cell Phone & Computer Forensics / Social Site Investigations
04/05/2013	Legal Aid Society - CLE Training	Cell Phone & Computer Forensics / Cell Site Analysis / Phishing & Spoofing Technology
04/10/2013	Gilberti Stinziano Heintz & Smith PC - Training Seminar	Introduction to eDiscovery, Adobe Acrobat, CaseMap, TimeMap, ISYS, PowerPoint and Trial Director
07/22/2013	New York State Defenders Association Annual Meeting & Conference	Forensics - CP Cases - P2P and Beyond / Social Media Investigations - The Next Trial Frontier
08/09/2013	Administrative Office of the U.S. Courts - ODS Training Branch - Multi-Track Federal Defense Seminar	The Digital Aspects of a CP Case and Using Experts / iPads, New Technology and Mobile Computing
09/28/2013	Oneida County Public Defender - 2013 Criminal Law Academy Seminar	Social Media - Understanding and Using in Cases (Live Investigation Demonstrations / Cell Phones - What These Devices Reveal About Us (Cell Phone Forensics / Cell Site Analysis)
11/07/2013	Office of The Wisconsin State Public Defender - 2013 Annual Criminal Defense Conference	Cell Site Analysis / Computer Forensics
12/13/2013	New York State Association of Criminal Defense Lawyers - Weapons for the Firefight 2013 CLE Seminar	Computer Forensics / Social Site Investigations
03/20/2014	Cornell University Law School Lecture	Cell Phone Forensics / Computer Forensics / Cell Site Analysis
06/12/2014	Benjamin N. Cardozo School of Law - National Forensic Science College	Cell Phone Forensics / Cell Site Analysis
09/05/2014	Legal Aid Society - Cell Site Analysis Training	Cell Site Analysis - Hands-On Group Training
09/11/2014	Nassau County Bar Association	Cell Phone Forensics / Cell Site Analysis

Date	Seminar/Training	Lecture Topic(s)
09/17/2014	Administrative Office of the U.S. Courts - DSO Training Branch - National Techniques in Electronic Case Management Workshop	Introduction to Adobe Acrobat, dtSearch Indexer, Lexis/Nexis CaseMap Suite / Cell Site Analysis
09/27/2014	Ontario County Public Defender / New York State Defenders Association - Investigator Training	Cell Phone Forensics / Cell Site Analysis
10/09/2014	Federal Public Defender's Office NYE/S - CJA Training	Cell Phone Forensics / Cell Site Analysis
10/22/2014	Federal Public Defender's Office Atlanta - CJA Training	Cell Phone Forensics / Cell Site Analysis
02/25/2015	Federal Public Defender's Office El Paso - CJA Training	Cell Phone Forensics / Cell Site Analysis
03/05/2015	Administrative Office of the U.S. Courts - DSO Training Branch - National Techniques in Electronic Case Management Workshop	Introduction to Adobe Acrobat, dtSearch Indexer, Lexis/Nexis CaseMap Suite / Cell Site Analysis
03/12/2015	Cornell University Law School Lecture	Cell Phone Forensics / Cell Site Analysis
04/15/2015	Federal Paralegal & Investigator Seminar / National Defender Investigator Association Seminar	Cell Site Analysis / Cell Phone Forensics
04/25/2015	NYSACDL Syracuse Spring CLE Seminar	Cell Phone Forensics
04/30/2015	NACDL/Innocence Network Post Conviction Training	Cell Site Analysis
05/07/2015	Connecticut Public Defender Service - Cell Phones - Science & the Law Seminar	Cell Phone Forensics / Cell Site Analysis
05/28/2015	National Seminar for Federal Defenders	Cell Phone Forensics / Cell Site Analysis
06/03/2015	Monroe County Bar Association - Criminal Justice Section	Cell Phone Forensics
06/05/2015	Arkansas Association of Criminal Defense Lawyers - Annual Meeting & CLE	Computer Forensics / Cell Phone Forensics / Cell Site Analysis
06/12/2015	Benjamin N. Cardozo School of Law - National Forensic Science College	Cell Phone Forensics / Cell Site Analysis
06/18/2015	Federal Public Defender's Office FLS - CJA Conference	Cell Site Analysis
07/09/2015	US Courts NYW Intern Lecture/Training	Cell Phone Forensics
07/22/2015	Administrative Office of the U.S. Courts - DSO National Computer Systems Administrator Seminar	Cell Site Analysis / Cell Phone Forensics
09/11/2015	National Defender Investigator Association - Forensic Science & Criminal Defense Investigations Seminar	Cell Site Analysis / Cell Phone Forensics
10/29/2015	Cornell University Law School Lecture	Cell Phone Forensics
01/08/2016	Monroe County Bar Association - Family Law Section	Social Media as Evidence / Cell Phone Forensics
02/13/2016	CACJ/CPDA Capital Case Defense Seminar	Cell Phone Forensics / Cell Site Analysis
02/20/2016	Federal Public Defender's Office Hawaii - CJA Training	Cell Phone Forensics / Cell Site Analysis
03/10/2016	Administrative Office of the U.S. Courts - DSO Training Branch - National Techniques in Electronic Case Management Workshop	Introduction to Adobe Acrobat, dtSearch Indexer, Lexis/Nexis CaseMap Suite / Cell Site Analysis
03/18/2016	NACDL - Taking the Fear out of Forensics Seminar	Cell Phone Forensics / Cell Site Analysis
04/15/2016	NYSACDL - Cross to Kill 2016 Seminar	Cell Phone Forensics / Crossing a Cell Phone Expert
05/03/2016	Federal Defender Investigator & Paralegal Seminar	Instructed Multiple Hands-On Workshops - Cell Phone Forensics & Reader Program / Cell Site Analysis
05/19/2016	NACDL - Making Sense of Science IX: Forensic Science & the Law Annual Seminar	Cell Phone (Mobile) Forensics
06/10/2016	Benjamin N. Cardozo School of Law - National Forensic Science College	Cell Phone Forensics / Cell Site Analysis
09/22/2016	Administrative Office of the U.S. Courts - DSO Training Branch - National Techniques in Electronic Case Management Workshop	Introduction to Adobe Acrobat, dtSearch Indexer, Lexis/Nexis CaseMap Suite / Cell Site Analysis
11/03/2016	Cornell University Law School Lecture	Cell Phone Forensics
11/04/2016	Federal Public Defender's Office NYW - Federal Criminal Defense Practice Seminar	Cell Phone Forensics / How to Cross an Expert
12/07/2016	NYSDA / Legal Aid Society - 3rd Public Defense Investigator Training: Principles & Practice	Cell Phone Forensics / Cell Site Analysis
03/11/2017	NYSDA / Legal Aid Society - 31st Annual Metropolitan New York Trainer	Cell Phone Forensics / How to Cross an Expert
04/11/2017	University at Buffalo School of Law Lecture	Mobile Forensics
10/26/2017	Cornell University Law School Lecture	Cell Phone Forensics / Cell Site Analysis
10/31/2017	Monroe County Bar Association - My Firm Got Hacked and Taken Hostage: Anatomy of a Cyberhacking	Ransomware / Backups
11/01/2017	The College at Brockport, State University of New York	Cell Phone Forensics / Cell Site Analysis

Date	Seminar/Training	Lecture Topic(s)
11/15/2017	The College at Brockport, State University of New York	Cell Phone Forensics / Cell Site Analysis *(continued)*
01/17/2018	University at Buffalo School of Law Lecture	Expert Witness / Cell Phone Forensics / Cell Site Analysis
02/27/2018	The College at Brockport, State University of New York	Cell Phone Forensics / Cell Site Analysis
03/01/2018	The College at Brockport, State University of New York	Cell Phone Forensics / Cell Site Analysis
03/22/2018	Missouri State Public Defender Spring Training	Cell Phone Forensics / Cell Site Analysis
03/26/2018	NAPD Investigator & Social Worker / Sentencing Advocates Conference	Cell Phone Forensics / Cell Site Analysis
06/08/2018	Benjamin N. Cardozo School of Law - National Forensic Science College	Cell Phone Forensics / Cell Site Analysis / Location Information
10/08/2018	The College at Brockport, State University of New York	Cell Phone Forensics / Cell Site Analysis / Location Information
10/18/2018	The College at Brockport, State University of New York	Cell Phone Forensics / Cell Site Analysis / Location Information
11/08/2018	Cornell University Law School Lecture	Cell Phone Forensics / Cell Site Analysis / Location Information
01/16/2019	University at Buffalo School of Law Lecture	Cell Phone Forensics / Cell Site Analysis / Location Information
01/18/2019	Cuyahoga County Public Defender's Office	Cell Phone Forensics / Cell Site Analysis / Location Information
02/17/2019	CACJ/CPDA Capital Case Defense Seminar	Cell Phone Forensics / Cell Site Analysis / Location Information
04/04/2019	FJC - Capital Habeas Unit (CHU) National Conference	Cell Phone Forensics / Cell Site Analysis / Location Information
04/25/2019	Mississippi Public Defenders Spring Seminar	Cell Phone Forensics / Cell Site Analysis / Location Information
06/07/2019	Benjamin N. Cardozo School of Law - National Forensic Science College	Cell Phone Forensics / Cell Site Analysis / Location Information
08/29/2019	Federal Law Clerk Seminar - Western District of NY	Mobile Forensics / Location Information
09/26/2019	NJOPD Forensic Science Conference	Mobile Forensics / Location Information
10/24/2019	Cornell University Law School Lecture (Courthouse)	Mobile Forensics / Cell Site Analysis / Location Information
10/31/2019	The College at Brockport, State University of New York	Mobile Forensics / Cell Site Analysis / Location Information
01/15/2020	University at Buffalo School of Law Lecture	Cell Phone Forensics / Cell Site Analysis / Location Information
02/13/2020	Federal Law Clerk Seminar - Western District of NY	Cell Site Analysis / Location Information
04/29/2020	University at Buffalo School of Law Lecture (via Zoom)	Cell Phone Forensics / Cell Site Analysis / Other
09/02/2020	Federal Public Defender's Office (CAC) (via Zoom)	Cell Site Analysis / Location Information
11/06/2020	Office of The Wisconsin State Public Defender - 2020 Virtual Conference (via Zoom)	Mobile Forensics
01/20/2021	Cardozo School of Law / In the Trenches: Understanding and Challenging Faulty Digital Forensics (via Zoom)	Panel Discussion: Mobile Forensics / Computer Forensics / Cell Site Analysis / Location Information
02/18/2021	NJOPD Forensic Science Conference (via Zoom)	Cell Phone Evidence: What You Need to Know
05/20/2021	San Bernardino Public Defender Training (via Zoom)	Cell Phone Evidence: What You Need to Know
06/10/2021	Benjamin N. Cardozo School of Law - National Forensic College (via Zoom)	Cell Site Analysis
07/30/2021	NV-FPD Investigator & Paralegal Training (via Zoom)	Cell Phone Evidence: What You Need to Know
08/06/2021	Texas Criminal Defense Lawyers Association - Innocence for Lawyers Seminar	Cell Phone Evidence: What You Need to Know
11/01/2021	Cornell University Law School Lecture (Courthouse)	Mobile Forensics / Cell Site Analysis / Location Information
03/04/2022	Monroe County Bar Association (via Zoom)	A Litigator's Guide to Understanding Digital Forensic Evidence: Mobile Forensics / Cell Site Analysis / Location Data
06/13/2022	Benjamin N. Cardozo School of Law - National Forensic College	Mobile Forensics / Geolocation Information
08/16/2022	Federal Defender Investigator & Paralegal Seminar	Mobile Device Forensics and Location Information
11/02/2022	Cornell University Law School Lecture (Courthouse)	Mobile Forensics / Cell Site Analysis / Location Information
02/17/2023	Office of the Ohio Public Defender (via Zoom)	Mobile Forensics / Cell Site Analysis / Location Information
02/20/2023	St. John Fisher University	Mobile Forensics / Cell Site Analysis / Location Information
06/16/2023	Benjamin N. Cardozo School of Law - National Forensic College	Mobile Forensics / Cell Site Analysis / Geolocation Information
09/08/2023	NYSACDL Central New York Fall Seminar	Mobile Forensics / Cellebrite Reader Report
01/24/2024	University at Buffalo School of Law Lecture	Mobile Forensics / Cell Site Analysis / Geolocation Information
03/29/2024	Salt Lake Legal Defender Association Training	Mobile Forensics / Cell Site Analysis / Geolocation Information
05/14/2024	Federal Defender Investigator & Paralegal Seminar	Mobile Forensics / Cell Site Analysis / Geolocation Information
06/10/2024	Benjamin N. Cardozo School of Law - National Forensic College	Mobile Forensics / Cell Site Analysis / Geolocation Information
08/01/2024	Texas Criminal Defense Lawyers Association – Actual Innocence for Lawyers Seminar	Cell Phone Tracking Evidence
09/26/2024	Nassau County Bar Association – Dean's Hour Seminar	Cell Site Analysis

Date	Seminar/Training	Lecture Topic(s)
11/04/2024	Cornell University Law School Lecture (Courthouse)	Mobile Forensics / Cell Site Analysis / Location Information

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