

Toni L. Harris
Digital Forensics Examiner
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ACADEMIC HISTORY

- 2021** *Certificate in Project Management; University of Maryland Global Campus*
The courses within this certificate cover a range of topics related to information systems, project management, decision-making and agile methodologies. Providing a comprehensive foundation in managing technology projects and making informed decisions within organizational settings.
- 2021** *Certificate in Computer Networking; University of Maryland Global Campus*
The courses within this certificate encompass key areas in computer troubleshooting, information technology concepts, networking, security, ethical hacking, server management and Cisco device connectivity. Providing a strong foundation in IT and network-related skills and knowledge.
- 2019** *M.S. in Digital Forensics and Cyber Investigations; University of Maryland Global Campus (Formerly known as University of Maryland University College)*
The courses within the master's programs emphasize knowledge in the fields of cybersecurity and digital forensics. Providing fundamental aspects of digital forensics and cybersecurity.
- 2016** *B.S. in Criminal Justice with a Concentration in Crime Scene Investigation; Virginia Commonwealth University*
The courses within this bachelor's provide a comprehensive education in criminal justice, criminology, forensic science, and related fields. Covering topics such as law enforcement, criminal investigations, crime scene analysis and forensic evidence analysis.

PROFESSIONAL EXPERIENCE

- August 2022 – Present; Digital Forensic Examiner, Metadata Forensics, LLC**
- Delivers comprehensive and precise digital investigations services for both civil and criminal legal cases, utilizing cutting-edge technology.
 - Performs forensically sound digital examinations, collecting and documenting all relevant information, maintaining chain of custody, and writing detailed reports of findings.
 - Provides expert consultation and testimony.
 - Creates reliable, replicable, testable test data for mobile devices using the latest software updates and technologies available.
 - Creates course outlines, instruction and curriculum for training purposes and higher education institutions.
- April 2022 – August 2022; Digital Forensic Examiner / General Investigator, Hanover County Sheriff's Office**

- Utilized forensically sound methodologies to identify, acquire, examine and analysis digital evidence.
- Conducted comprehensive analysis of Historical Call Detail Records, Social Media, Email, and other digital evidence to pinpoint relevant evidence pertaining to the criminal investigation.
- Conducted mobile device extractions and analysis of the data utilizing Cellebrite, Magnet Axion and other forensics tools available.
- Prepared comprehensive reports that documented the examinations and analysis of digital evidence tailored for courtroom presentation.

April 2019 – April 2022; *Narcotics Investigator / Digital Forensics Examiner, Hanover County Sheriff's Office*

- Investigated simple and intricate cases involving drug and human trafficking organizations.
- Employed diverse interview and interrogations techniques to extract valuable information in investigations.
- Conducted comprehensive investigations by using confidential informants to facilitate undercover narcotics transactions.
- Identified, acquired, examined, and analyzed digital evidence using forensically sound methodologies.
- Conducted in-depth pattern of life analysis through physical and digital surveillance, incorporating Real Time Location Data, Vehicle GPS Installations, Historical Call Detail Records and Social Media Analysis.
- Ensured the maintenance and upkeep of technical equipment used by the Vice/Narcotics Unit for undercover operations.
- Produced meticulous and comprehensive reports that documented the entire case for court proceedings.

June 2017 – April 2019; *Patrol Deputy, Hanover County Sheriff's Office*

- Patrolled in a law enforcement vehicle to observe and address traffic violations, suspicious activities, and disturbances affecting public safety.
- Exercised discretion in the investigation and enforcement of Virginia State statutes and laws, including making probable cause arrests and executing warrants.
- Monitored sensitive radio communications and accessed information from local, state, and national computerized databases such as VCIN/NCIC.
- Responded to radio dispatches and service calls, maintained community engagement, and interacted with residents.
- Conducted interviews with victims, witnesses, and suspects, preserved evidence and provided testimony in court proceedings to include depositions in civil litigation.
- Conducted preliminary investigations into a wide range of criminal offenses, from white-collar crimes to violent offenses, including, but not limited to burglary, robbery, sexual assault, homicide, auto theft, aggravated assault, domestic violence, and offenses against juveniles.
- Functioned as a representative of the Sheriff's Office in engagements with professional and academic institutions.

June 2016 – June 2017; *Court Services Deputy, Hanover County Sheriff's Office*

- Maintained courtroom security and orderliness before, during and after court proceedings.

- Safely transported and oversaw the transfer of prisoners to and from court and ensured their secure placement into holding cells.
- Conducted thorough searches of courtrooms to detect any contraband and searched inmates for unauthorized possessions prior to their court appearances.
- Executed all directives from the judge.
- Served civil and criminal processes such as summons, notices, warrants and capiases as needed.

October 2014 – June 2016; Deputy Sheriff; Jailor; Henrico County Sheriff's Office

- Understood the fundamental principles, methodologies, and practices in the management of prisoners.
- Maintained the regulations and standards set forth by DJCS, DOC, ACA and PREA.
- Followed the administrative and operational SOP of the Sheriff's Office.

ADVANCED COURSEWORK AND ADDITIONAL EDUCATION

- 2014 *Basic Jailor Academy*
- 2016 *Basic Law Enforcement Academy*
- 2016 *Basic Court Services Academy*
- 2016 *CIT (Crisis Intervention) Basic*
- 2019 *Basic Narcotics Investigator's School*
- 2019 *Diversion Investigation School*
- 2019 *Trends Seminar (Narcotic Investigations)*
- 2019 *The Reid Technique – Interviewing and Interrogation*
- 2019 *Penlink; PLX 101: Basic Analysis (48 hours – CDR & Internet Communication/Social Media Analysis)*
- 2019 *Zetx; Criminal Investigations Using Cellular Technologies (72 hours – CDR Mapping & Analysis)*
- 2019 *Cellebrite; Certified Cellebrite Operator (CCO); Certified Cellebrite Physical Analyst (CCPA); (35 hours – Digital Forensics) - Cellebrite*
- 2020 *Basic sUAS (Small Unmanned Aircraft) School*
- 2020 *Zetx; Criminal Investigations Using Cellular Technologies (40 hours – CDR Analysis & Mapping)*
- 2020 *Magnet Forensics; Axiom Examinations (32 hours – Digital Forensics)*
- 2021 *sUAS Level I Public Safety Thermography Certification – Infrared Training Center*
- 2021 *Annual VSP/NADDI Drug Diversion*
- 2021 *Zetx: Subject Matter Expert (SME) (40 hours – CDR Mapping & Analysis)*
- 2021 *Cellebrite: Certified Cellebrite Operator (CCO): Certified Cellebrite Physical Analyst (CCPA) Recertification*
- 2021 *FBI CASTVIZ - Basic Historical Cell Site Analysis Course*
- 2023 *Belkasoft SQLite Forensics*
- 2023 *SecurCube PhoneLog Browser V2022*
- 2023 *FAA Part 107 Small Uas Recurrent – Part 61 Pilots*
- 2023 *DCJS Private Investigator (16 Hours – Law & Legal)*
- 2023 *Cyber5W Digital Forensics Analyst*
- 2023 *Hexordia 110 Mobile Forensics Fundamentals Part 1*

- 2023 *Hexordia 110 Mobile Forensics Fundamentals Part 2*
- 2023 *Hexordia 140 Creating Mobile Test Data*
- 2023 *Cellebrite: Certified Cellebrite Operator (CCO): Certified Cellebrite Physical Analyst (CCPA) Recertification*
- 2023 *Hexordia 210 Android Analysis*
- 2023 *Hexordia 250 Mobile Analysis Methodology and 3rd Party App Analysis*

CERTIFICATIONS

- Cellebrite: Certified Cellebrite Operator (CCO) and Certified Cellebrite Physical Analyst (CCPA); August 2019 – Present
- FAA: Remote Pilot Airmen Certificate – May 2021 – Present
- DCJS Private Investigator – September 2023 – Present

TEACHING EXPERIENCE

Adjunct Professor for Champlain College, Burlington, VT in the field of Digital Forensics and Cyber Security. Currently teaching in the Undergraduate Program – Current

Digital Topics Instructor at the National Forensics Academy, University of Tennessee, Knoxville, TN

EXPERT TESTIMONY

- 2023 Qualified Expert in Digital Forensics – U.S. v. N. Gubitosi (*U.S. Army Trial Judiciary, Fifth Judicial Circuit Vilseck, Germany*)
- 2023 Qualified Expert in Historical Call Detail Records and Cell Site Analysis – State of Maryland v. C. Lay (*Prince George’s County Circuit Court, Maryland*)
- 2024 Qualified Expert in Digital Forensics – U.S. v. D. Brodsky (*U.S. Army Trial Judiciary, Sixth Judicial Circuit, Joint Base Lewis-McChord*)

AWARDS

- 2014 Top Academic Achievement; Richmond City Sheriff’s Office
- 2016 Top Academic Achievement; Hanover County Sheriff’s Office
- 2019 Unit Citation Vice/Narcotics; Hanover County Sheriff’s Office
- 2020 Excellent Service Award; Hanover County Sheriff’s Office
- 2020 Excellent Service Award; Hanover County Sheriff’s Office
- 2021 Unit Citation Vice/Narcotics; Hanover County Sheriff’s Office
- 2021 Meritorious Service Award; Hanover County Sheriff’s Office