

Toni L. Harris
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ACADEMIC HISTORY

- 2021 Certificate in Project Management; University of Maryland Global Campus**
Relevant Coursework: Information Systems in Organizations, Information Systems Project Management, Project Management I, Project Management II, Decision Making, Agile Project Management
- 2021 Certificate in Computer Networking; University of Maryland Global Campus**
Relevant Coursework: Foundations of Computer Troubleshooting, Concepts and Applications of Information Technology, Fundamentals of Networking, Network Security, Ethical Hacking, Windows Server, Interconnecting Cisco Devices
- 2019 M.S. in Digital Forensics and Cyber Investigations; University of Maryland Global Campus (Formerly known as University of Maryland University College)**
Relevant Coursework: Basic Information Technology, Essentials of Computer Programming, Structure of Computer Programming, Communication, Problem Solving, Leading Cyber, Cyber Foundations, Digital Forensics Tech Practices, Digital Forensics Response and Analysis, Advanced Forensics, Capstone in Cybersecurity
- 2016 B.S. in Criminal Justice with a Concentration in Crime Scene Investigation**
Relevant Coursework: Introduction to Corrections, Introduction to Policing, Forensic Criminology, Urban Jails, Criminological Theory, Research Methods in Criminal Justice, Criminal Procedure, Principles of Criminal Investigation, Violent Crime Scene Investigation, Criminalistics and Crime Analysis, Crime Scene Evidence, Law and Trial, Senior Seminar Survey of Forensic Science, Scientific Crime Scene Investigation, Forensic Microscopy, Forensic Evidence, Law and Crime, Advanced Crime Scene Investigation, Forensic Science Internship, Forensic Pattern Evidence, Forensic Analysis Firearms

PROFESSIONAL EXPERIENCE

August 2022 – Present; Digital Forensic Examiner, Metadata Forensics, LLC

- Identification, acquisition, examination, and analysis of digital evidence using scientifically accepted and validated processes.
- Analyze call detail records with geolocation data to establish the location history of a cellular device.
- Conduct in-depth analysis of call detail records, emails, and other internet communications data to identify evidence in criminal investigations.
- Produce thorough and detailed reports documenting the examination and analysis of digital evidence for court.
- Provide expert witness testimony in the fields of computer forensics, cell phone data extractions, call detail record and geolocation analysis, and internet communications/social media analysis.

- Provide instruction to attorneys, law enforcement and military personnel on the topics of Digital Forensics.
- Creating test data for mobile devices, conducting research, and creating replicable coursework.
- Creating curriculums and coursework for training courses.

April 2022 – August 2022; *Digital Forensic Examiner / General Investigator, Hanover County Sheriff's Office*

- Identification, acquisition, examination, and analysis of digital evidence using scientifically accepted and validated processes.
- Analyze call detail records with geolocation data to establish the location history of a cellular device.
- Conduct in-depth analysis of call detail records, emails, and other internet communications data to identify evidence in criminal investigations.
- Perform cell phone data extractions and analysis.
- Produce thorough and detailed reports documenting the examination and analysis of digital evidence for court.
- Provide expert witness testimony in the fields of computer forensics, cell phone data extractions, call detail record and geolocation analysis, and internet communications.

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

- Investigated simple and complex domestic and drug trafficking organizations.
- Use various interview and interrogation techniques to obtain information.
- Conduct thorough investigations utilizing confidential informants to complete narcotic transactions.
- Identification, acquisition, examination, and analysis of digital evidence using scientifically accepted and validated processes.
- Conducted pattern of life analysis, through physical surveillance and digital surveillance using Real Time Location Data, Vehicle GPS installation, Historical Call Detail Records and Social Media Analysis.
- Maintained technical equipment utilized by the Vice/Narcotics Unit to conduct undercover operations.
- Produce thorough and detailed reports documenting the examination and analysis of digital evidence for court.
- Provide testimony in the fields of computer forensics, cell phone data extractions, call detail record and geolocation analysis, and internet communications.

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

- Utilized discretion to investigate and enforce Virginia statutes and laws; make probable cause arrests and execute warrants.
- Operated a patrol car to observe traffic law violations, suspicious activities, and law and order disturbances.
- Monitored sensitive radio traffic and responses from vehicles and personal inquiries from local, national, and computerized information systems (VCIN/NCIC).
- Responded to radio dispatches and calls for service; relayed communication; and interacted directly with the community to protect and serve.

- Performed duties as a booking desk officer responsible for: taking reports from walk-in citizens, checking on prisoners' well-being, and maintaining cell logs.
- Interviewed victims and witnesses, preserved evidence, and testified in court.
- Performed preliminary investigations of minor and major criminal offenses such as white-collar crimes, burglary, robbery, rape, homicide, auto theft, aggravated assault, domestic violence, and offenses committed against juveniles.
- Collaborated with authorities to handle traffic accidents, fires, vandalism, and other emergencies.
- Responded to schools for various juvenile-related calls when SRO was not present.
- Responded to various public schools and handled child protective services calls.
- Directed traffic; enforced parking and traffic laws and regulations; and issued citations as appropriate.

Planned and directed law enforcement programs geared towards the establishment of a positive relationship between the police and the community.

Represented the police department before professional and academic institutions.

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

- Ensured the security and order of courtrooms prior to and during court sessions.
- Transported and supervised the movement of prisoners to and from court, secures in holding cells.
- Transported prisoners to other jails and institutions.
- Removed unruly individuals from the courtroom.
- Searched courtroom for contraband and inmates for unauthorized possession prior to court appearance.
- Files reports.
- Responded and carried out all orders of the Judge.
- Served summons, notices, warrants and capias.

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

- Knowledge of the principles, practices and techniques of the care and custody of prisoners.
- Knowledge of mandated regulations and standards from the DCJS, DOC, ACA and PREA.
- Knowledge of the Sheriff's administrative and facility operations.
- Knowledge of occupational hazards, safety precautions, safety regulations and other work-related precautions related to facility and inmate management as well as relevant County safety and risk management policies and practices.
- Knowledge of institutional best practices and mandated practices for the care and custody of prisoners.

ADVANCED COURSEWORK AND ADDITIONAL EXPERIENCE

- 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*

- 2020 *Basic sUAS (Small Unmanned Aircraft) School*
- 2021 *sUAS Level I Public Safety Thermography Certification – Infrared Training Center*
- 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 *Zetx; Criminal Investigations Using Cellular Technologies (40 hours – CDR Analysis & Mapping)*
- 2020 *Magnet Forensics; Axiom Examinations (32 hours – Digital Forensics)*
- 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*

CERTIFICATIONS

- Cellebrite: Certified Cellebrite Operator (CCO) and Certified Cellebrite Physical Analyst (CCPA); August 2021 – Present
- FAA: Remote Pilot Airmen Certificate – May 2021 – Present
- sUAS Level I Public Safety Thermography Certification – August 2021 – Present
- DCJS Private Investigator – 2023

TEACHING EXPERIENCE

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

EXPERT TESTIMONY

- 2023 Qualified Expert in Digital Forensics – US 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*)

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