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| **Job Title** | Lead Digital Forensic Examiner |
| **PVN ID** | JJ-2411-006596 |
| **Category** | Research |
| **Location** | JOHN JAY COLLEGE OF CRIMINAL JUSTICE |
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| **Department** | Center for Cybercrime Studies |
| **Status** | Full Time |
| **Annual Salary** | $88,000.00 - $92,000.00 |
| **Hour(s) a Week** | 35 |
| **Closing Date** | Feb 02, 2025 (Or Until Filled) |

# General Description

The Center for Cybercrime Studies leads, coordinates, catalyzes, and produces cutting-edge, multidisciplinary research on cybercrime and develops evidence-based solutions to counter cybercrime.  The Center draws on cross-disciplinary expertise to: 1) conduct innovative and collaborative research on cybercrime; 2) inform policies and practices designed to investigate, respond to, mitigate, and prevent cybercrime; and 3) assist national and international public and private sectors in recognizing the changing cybercrime risk landscape, detecting cybersecurity vulnerabilities, and identifying the methods used by cybercriminals to adapt to and evade law enforcement and cybersecurity measures.

The Center for Cybercrime Studies has an Internet of Things (IoT) lab (the Hive), where IoT forensic examinations are conducted.  The Center provides essential training and technical assistance on IoT identification, IoT digital evidence, and IoT forensics to criminal justice professionals to increase their ability to solve problems involving IoT and enhance existing efforts to prevent, respond to, investigate, prosecute, and adjudicate crime.

The Lead Digital Forensic Examiner will:

- Devise forensic strategies for data extraction and network monitoring of IoT devices.
- Work with the research staff to implement strategies for IoT data collection and device interrogation.
- Conduct IoT device experiments and forensic acquisitions and examinations.
- Assist the PI and Co-PI in creating curriculum for trainings and the digital pocket guide.
- Serve as the primary instructor for trainings.

# Other Duties

- Lead forensic research staff in ensuring project outcomes.
- Review and provide quality checks for IoT data input in the IoT database.

- Maintain quality control in the IoT lab.
- Provide mentorship and quality checks for graduate students' forensic analysis of IoT devices and submissions to the IoT database.
- Other related duties as assigned.

## Qualifications

- BS in a relevant field with at least 3 years professional experience, or a MS in a relevant field
- Knowledge of investigative implications of computer and mobile device hardware, operating systems, and network technologies.
- Knowledge of IoT hardware, operating systems, communication protocols, and network technologies.
- Knowledge of concepts and practices of processing digital forensic data.
- Skill in preserving evidence integrity according to standard operating procedures or national standards.
- Skill in using forensic tool suites (e.g., Cellebrite, EnCase, Oxygen, FTK).
- Skill in conducting forensic analyses in diverse media/multiple environments (e.g., IoT, computer, mobile, network, etc.).
- Prior law enforcement experience, preferred.