

# UDIPTO SAGAR CHOWDHURY

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## PROFESSIONAL SUMMARY

I am an early Cybersecurity/IT professional with proven expertise in digital forensics, incident response, enterprise security management, asset management, and hardware troubleshooting. I have recently become a CySA+ and Splunk certified professional with hands-on experience across NYC's public infrastructure. If you hire me, I will demonstrate my ability to minimize system downtime while ensuring strict compliance with federal and municipal security standards, all while fulfilling my job responsibilities and duties.

## TECHNICAL SKILLS

**Software:** Windows (10/11, Server), Linux (Ubuntu), Android, MacOS

**Security Tools:** Cellebrite Mobile Forensics, Splunk SIEM, Windows Defender, Endpoint Protection Platforms, Endpoint Detection Platforms

**Programming Languages:** Python, JavaScript, HTML5, CSS3, R, SQL

**Network & Infrastructure:** TCP/IP, DNS, DHCP, VPN Configuration, Wireless Security, Network Troubleshooting

**Forensics & Analysis:** Digital Evidence Extraction (Autopsy), Chain of Custody Management, Incident Response, Vulnerability Assessment, NetworkMiner, CCleaner

**Productivity Tools:** Microsoft Office Suite, Google Workspace, Documentation & Reporting, JIRA

## CERTIFICATIONS

**CompTIA Cybersecurity Analyst (CySA+)**

February 2025

**Splunk Core Certified User**

February 2025

**Certificate of Achievement in Cybersecurity (Codepath)**

April 2022

## EDUCATION

**John Jay College of Criminal Justice | Manhattan, New York**

May 2024

Master's in Digital Forensics and Cybersecurity | GPA: 3.34

**John Jay College of Criminal Justice | Manhattan, New York**

May 2022

Bachelor's in Computer Science and Information Security | GPA: 3.34 | Dean's List: Fall 2020, Spring 2022

## RELEVANT PROFESSIONAL EXPERIENCE

**New York City Department of Education, New York, NY - Field Technician Specialist**

March 2025 - Present

- Deploy and maintain educational technology infrastructure across multiple school sites
- Troubleshoot and resolve network connectivity issues and security configurations for Chromebooks and interactive displays
- Implement device management protocols, ensuring compliance with NYC DOE cybersecurity standards in 20+ Chromebooks, Lexmark Printers, MacBooks, Lenovo Thinkpads, and Lenovo ThinkCentre Workstations
- Collaborate with the IT security team to maintain endpoint protection across New York City public schools

**Commonpoint Queens, New York, NY - Child and Youth Worker**

July 2023 – June 2024

- Supervised academic enrichment programs for 15+ middle school students at JHS 216 George J. Ryan daily
- Provided frontline technical support for educational technology, including Smartboards and student devices
- Maintained a secure and structured learning environment, following organizational safety procedures
- Collaborated with faculty to integrate technology solutions to enrich student engagement in after-school activities

**Department of Justice, New York, NY - Intern**

June 2022 – August 2022

- Conducted digital forensics investigations using the Cellebrite mobile forensics platform
- Analyzed evidence from 15+ smartphone devices to support federal investigations
- Created detailed forensic reports and maintained chain of custody documentation through Microsoft Word
- Developed proficiency in data extraction, analysis, and reporting procedures through Microsoft Excel

**Criminal Justice Department, John Jay College, New York, NY - Lab Assistant (Academic Year)**

March 2019 - May 2021

- Maintained security and operational integrity of the computer lab serving 100+ students daily
- Provided technical support for forensics software and security tools used in coursework
- Managed inventory and deployment of technology resources, including specialized forensics hardware and Microsoft Office suite
- Assisted faculty and students with cybersecurity lab exercises and digital investigation techniques
- Ensured compliance with academic IT security policies and data handling procedures

## CORE COMPETENCIES

**Security Operations:** Incident Response, Threat Analysis, Vulnerability Management

**Digital Forensics:** Mobile Device Analysis, Evidence Preservation, Chain of Custody, Report Generation

**Infrastructure Management:** Endpoint Detection and Security, Network Administration, Device Deployment, System Monitoring

**Communication:** Technical Documentation, Cross-functional Collaboration, Training Support