

UDIPTO SAGAR CHOWDHURY

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An Early Cybersecurity professional who is currently managing IT infrastructure. Skilled in incident response, threat analysis, and cross-platform system administration with proven ability to maintain security standards in complex environments, as well as an ability to adapt to work environments.

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, CSS, 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

PROFESSIONAL EXPERIENCE

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

March 2025 - Present

- Deploy and maintain educational technology infrastructure across different school sites, improving productivity among students and staff
- Troubleshoot network connectivity issues and security configurations for Chromebooks and Lenovo, ensuring clear and direct device management through targeted users
- Collaborate with the IT security team to maintain endpoint network protection across New York City public schools through Wireless connectivity
- Implement device management protocols to ensure compliance with NYC DOE standards through device configuration and remapping network protocols through the DOE Network

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

July 2023 - June 2024

- Supervised academic enrichment programs for at least 15 different middle school students to assist them in reaching their academic and professional goals
- Provided technical support for educational technology, including Smartboards and student devices, for a seamless classroom environment, boosting student and teacher productivity.
- Maintained a safe and structured learning environment, following organizational safety procedures to facilitate a safe-for-work environment under DOE protocols and compliance.
- Collaborated with faculty to integrate technology solutions to enrich student engagement in after-school activities resulting in student engagement through fun and productive lesson plans.

Department of Justice, New York, NY - Intern

June 2022 - August 2022

- Analyzed evidence from 15 different smartphones and Nokia phones, as well as conducted digital forensics investigations using the Cellebrite mobile forensics platform to support federal investigations concerning international cybercrimes and data espionage.
- Created detailed forensic reports, maintained chain of custody documentation, and developed proficiency in data extraction, analysis, and reporting procedures through Microsoft Office via Word and Excel, ensuring my superiors can fulfill their objectives with crime reports.

MacguyverTech, Glenolden, PA - Project Intern

May 2021 - August 2021

- Managed content updates and security patches for three different WordPress websites serving around 5,000 monthly users
- Developed project tracking systems using Excel and Jira to monitor progress across eight different concurrent initiatives
- Assisted the CEO and full-time staff with daily administrative duties, ensuring smooth workflow and efficient operations

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

Soft-Skill: Communication, Time Management, Team Collaboration, Detail-Oriented, Planning, Organizational Strategy, Multi-Tasker

Language: Fluent in Bangla; Semi-Proficient in Spanish & Hindi