

Education

<b>MS in Cybersecurity, Northeastern University</b>	<b>Sep. 2024 – Dec. 2026</b>
Coursework: Information System Forensics, Network Security, Software Vulnerabilities and Securities	<b>GPA: 3.75</b>
<b>BTech in Computer Science, SRM Institute of Science and Technology</b>	<b>Sep. 2020 – Jun. 2024</b>
Coursework: Computer Networks, Network Security, Operating Systems	<b>GPA: 9.21</b>

Technical Skills

**Tools & Platforms:** Wireshark, Burp Suite, Volatility, Autopsy, Splunk, Security Onion  
**Languages/Scripts:** Python, Bash, PowerShell, SQL  
**Frameworks/Standards:** MITRE ATT&CK, NIST CSF, ISO 27001, OWASP Top 10  
**Core Skills:** Malware Forensics, Memory Analysis, Log Analysis, IR Playbooks, Threat Hunting, Vulnerability Management

Projects

<b>Enterprise SOC Environment</b>   ELK Stack, MITRE ATT&CK, NIST CSF, Logstash	<b>In Progress</b>
<ul style="list-style-type: none"><li>Deployed ELK Stack SIEM with NIST CSF-aligned dashboards and MITRE ATT&amp;CK technique detection, implementing correlation rules for T1110, T1078, and T1083 attack patterns.</li><li>Configured multi-source log ingestion and automated alerting with framework-based incident classification, reducing alert noise through strategic rule tuning and technique-specific detection logic.</li></ul>	
<b>Secure Instant Messaging Application</b>   Python, ECDH, AES-GCM	<b>2025</b>
<ul style="list-style-type: none"><li>Built a command-line chat app with encrypted messaging, session key rotation, and secure login, supporting real-time communication.</li><li>Applied ECDH key exchange and AES-GCM encryption, enabling zero-knowledge password proofs and tamper-proof logs.</li></ul>	
<b>Information System Forensics - Case Studies</b>   Volatility, Wireshark, Autopsy	<b>2025</b>
<ul style="list-style-type: none"><li>Conducted 4 detailed case studies focusing on memory analysis, malware forensics, browser forensics, and cloud artifact analysis.</li><li>Applied tools like Volatility, Wireshark, and Autopsy to identify indicators of compromise and recommend incident response measures.</li><li>Maintained detailed chain-of-custody documentation and demonstrated practical proficiency in analyzing digital evidence.</li></ul>	

Experience

<b>Cybersecurity Project Intern</b>   DRDO	<b>Aug. 2023 – Nov. 2023</b>
<ul style="list-style-type: none"><li>Developed and deployed an end-to-end encrypted video transmission system over Wi-Fi, using AES encryption and PyCrypto, to safeguard sensitive communications.</li><li>Implemented frame shuffling and real-time anti-tampering checks, achieving zero successful MITM attack attempts in laboratory testing.</li></ul>	
<b>Network Security Intern</b>   MSN Laboratories	<b>Jun. 2023 – Jul. 2023</b>
<ul style="list-style-type: none"><li>Monitored and analyzed network traffic using Wireshark/tcpdump, reducing false positives in alert triage by 20%.</li><li>Configured VLAN segmentation and firewall rules, decreasing unauthorized access attempts by 35%.</li><li>Reviewed firewall logs and escalated 15+ critical incidents, improving detection-to-response time by 30%.</li></ul>	

Certifications

CompTIA Security+	<b>Completed</b>
Google Cybersecurity Professional Certificate	<b>In Progress</b>
ISC2 CC	<b>In Progress</b>

Community

- Top 50 Globally – WiCyS Target Cyber Defense Challenge (Tier 1)
- SimSpace Cyber Range Challenge: Ranked 6th place (Threat detection, log analysis, SOC coordination)
- Contributor to WiCyS VDP program; Head of Finance & FOSS contributor @ null NEU
- Attendee: Boston Security Meetup, DEFCON Boston, Boston Hackers