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EDUCATION

Seneca Polytechnic   **Graduation: 2025**
Diploma in Computer Programming (CPA)
- **Database Management System (C++):** Designed and implemented a command-line interface for adding, removing, editing, and managing an existing database using C++ programming.
- **Interactive Web Application:** Developed a dynamic, small-scale database using HTML, CSS, and JavaScript to display data interactively with a cohesive user interface.
- **Portfolio Website:** Built a personal portfolio website from scratch to showcase education, skills, and projects using HTML, CSS, and JavaScript.
- **Software Development Concepts:** Demonstrated knowledge of software development lifecycle by creating use case diagrams using Visual Paradigm for system modeling

TECHNICAL SKILLS

Cybersecurity Skills: SIEM (Splunk, Chronicle), Network Security & Firewalls, Incident Response & Threat Analysis, Log Analysis & Packet Analysis (Wireshark), Cyber Threat Intelligence (CTI) frameworks

Programming Languages: JavaScript, Java, C/ C++, Python
Frameworks and Databases: React, React.js, Node.js, Next.js, MySQL, MongoDB
Web Development: HTML, CSS, XML
Tools & Platforms: Git, Wireshark, Nmap, Linux (Kali)

RELEVANT CERTIFICATION

Google CyberSecurity Certificate (_Issued by Google, Coursera_**)**   **03/2025**
- Gained hands-on experience in security operations, incident response, and risk management.
- Developed practical skills in threat detection, mitigation, and log analysis.

CompTia Sec+ Certification (In Progress)   **04/2025**
- Studying **network security, cryptography, risk management, and security operations**.
- Gaining hands-on experience with **threat detection, incident response, and security best practices**.

PROJECTS

Automated System Diagnostics Tool (PowerShell/Bash/Python)   **2025**
- Created a script that checks system health, monitors CPU/memory usage, and detects issues.
- Includes automated logs and troubleshooting suggestions.
- Skills: PowerShell, Bash, Python, Windows/Linux troubleshooting

Network Traffic Analysis with Wireshark and tcpdump   **2025**
- Used **Wireshark** to capture and analyze **500+ network packets** for suspicious activity.
- Identified and mitigated a simulated **malware infection** by tracing unusual traffic patterns and isolating affected systems.
- Skills: Wireshark, Network Security, Incident Response

Vulnerability Assessment & Risk Mitigation   **2025**
- Used **Nmap** to scan a test environment for security vulnerabilities.
- Assessed **risk levels** and proposed security **hardening measures** based on **CIS benchmarks**.

Incident Investigation using SIEM (Splunk/Chronicle SIEM)   **2025**
- Investigated a simulated phishing attack using **Splunk SIEM**, analyzing **50+ log entries** to detect malicious activity.
- Identified **Indicators of Compromise (IoCs)**, such as suspicious IP addresses and unauthorized login attempts.
- Documented findings and proposed mitigation strategies, reducing future risk by **30% in a simulated test environment**.

Personal Online Portfolio   **2023**
- Created an online portfolio showcasing personal projects, technical skills, and interests using HTML, CSS, and JavaScript. The portfolio offers detailed insights into my capabilities, serving as a dynamic representation of my professional background and achievements.
- GitHub Link: https://github.com/UnclElmino/MyPortfolio