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PROFESSIONAL SKILLS

Cybersecurity & Threat Intelligence:

OSINT, Suricata, Graylog SIEM, CVSS, Threat Hunting

Programming & Scripting:

C#, C, Python, HTML, JavaScript, SQL, Bash

Database Security:

Microsoft SQL Server, SQLite, Encryption, RBAC, Auditing, UDFs, Stored Procedures, Triggers

Active Directory & Systems:

Windows Server, AD Management, Group Policy, Linux (Kali, ParrotOS, Ubuntu)

Networking & Security Tools:

Wireshark, tcpdump, Nmap, Snort, Hydra, Metasploit, OPNsense, Cisco ASA, OpenVPN, IPSec

Penetration Testing:

Kali Linux, Burp Suite, DVWA, bWAPP, SQL Injection, XSS, LFI, RFI

Cloud & Virtualization:

AWS IAM, S3, VPC, VMware, VirtualBox

Microsoft Office:

Word, Excel, PowerPoint, Outlook

Core Competencies:

Threat Detection & Response, Incident Investigation & Reporting, Vulnerability Assessment & Remediation, SIEM Log Monitoring & Analysis, Secure System & Database Management, Cybersecurity Project Execution, Critical Thinking, Risk Assessment, Root Cause Analysis, Problem-Solving, Strong Communication, Team Leadership, Time Management, Task Prioritization, Attention to Detail

NIKOLLA NICKOLOV

CYBERSECURITY ANALYST | INFORMATION SECURITY SPECIALIST

An analytical and detail-oriented cybersecurity graduate with expertise in managing Linux and Windows environments and automating security workflows using Python scripting. Hands-on experience in designing and deploying intrusion detection systems, developing ML-based phishing detectors, and analyzing security events with SIEM tools. Familiar with incident response processes, vulnerability assessment, and cross-functional collaboration. Seeking a challenging entry-level cybersecurity analyst role with a commitment to strengthening security measures and improving threat detection capabilities.

EDUCATION

Bachelor of Cybersecurity

University Of South Florida, Tampa, FL
GPA: 3.8

May 2025

Associate Degree

Saint Petersburg College, Clearwater, FL
GPA: 3.75

May 2022

KEY PROJECTS

Intrusion Detection System (IDS) Deployment - Suricata (Home Lab)

- Deployed a Suricata-based Intrusion Detection System (IDS) in a home lab to watch and analyze live network traffic using tcpdump and Suricata logs for real-time monitoring and investigations.
- Created custom Suricata rules to spot malware, port scans, brute-force attacks, and unauthorized access to improve network security.

Malicious URL Detector - Python, VirusTotal API (Home Lab)

- Developed a Python command-line tool using the VirusTotal API to scan URLs for threats, including phishing, malware, and suspicious activity.
- Integrated real-time threat intelligence with efficient API calls to automate cybersecurity threat detection.

Phishing Email Detector - Python + Flask, ML-based (Home Lab)

- Built a phishing email detection system powered by machine learning and deployed it via Flask to identify malicious messages in a home lab setup.
- Implemented TF-IDF vectorization to analyze textual patterns, capturing urgency, deceptive links, and financial fraud signals to improve classification accuracy.

Database Security Management - SQL, Microsoft SQL, SQLite

- Designed and secured SQL databases using access controls, encryption, and security best practices.

Stock Market Prediction Algorithm - C#, OOP

- Assembled a stock market system in C# using object-oriented programming and technical analysis to forecast stock trends.

PROFESSIONAL EXPERIENCE

Valet Driver

Towne Park, Clearwater, FL

Mar 2022 - Present

Lifeguard

YMCA, Clearwater City Community Pool, FL

Mar 2021 - Aug 2023