Guangning Li

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Summary

Master's student in Telecommunications and Information Security at the University of Victoria with over two years of experience in cybersecurity operations, scripting, and infrastructure support. Skilled in log analysis, vulnerability management, incident response, and technical documentation. Strong communicator with experience supporting access control, coordinating with cross-functional teams, and working in high-availability environments.

Education

University of Victoria - GPA 8.4/9   Victoria, BC
- Master of Engineering in Telecommunications and Information Security   Sep 2024 – Present

Northeastern University   Shenyang, China
- Bachelor of Software Engineering   Sep 2017 – Jun 2021

Professional Experience

IT Systems Administrator   Inner Mongolia, China

Inner Mongolia Power (Group) CO., LTD   Sep 2021 – Apr 2024
- Monitored security events using firewall logs, IDS/IPS, and SIEM tools across infrastructure serving over 10 million users
- Conducted vulnerability scans with Nessus and supported remediation planning in line with CIS benchmarks
- Responded to and documented security incidents including threat identification, containment, and recovery
- Built PowerShell and Bash scripts to automate log parsing, user access tracking, and security alert reporting
- Assisted with system hardening, patch management, and enforcement of group policies in Windows environments
- Collaborated with cross-functional teams to evaluate network configurations, VPNs and firewall rules.
- Maintained security documentation, audit reports, and supported internal and external compliance.
- Participated in CTF competitions to sharpen skills in threat detection, forensic analysis, and secure coding
- Applied knowledge of cryptographic protocols, encryption algorithms (AES, RSA), and key management in securing sensitive data
- Supported risk assessments by identifying vulnerabilities, proposing mitigations, and documenting risk registers

University of Victoria   Victoria, BC

Teaching Assistant   Sep 2024 – Apr 2025
- Collaborated closely with professors and fellow TAs to provide academic support
- Supported instructors during midterms and finals through invigilation and student coordination

Technical Skills

Threat Detection, Log Analysis, Incident Response, Phishing Analysis, Vulnerability Scanning (Nessus, Zenmap), IDS/IPS, Firewall Policy Management

Access & Endpoint Security:
Role-Based Access Control (RBAC), Authentication & Authorization, Microsoft Defender for Endpoint, UFW (host-based firewall), System Hardening

Network Security & Monitoring:
VLANs, Network Segmentation, Palo Alto NGFW, Cisco ASA, IDS/IPS Systems (network-based), VPNs, Load Balancing, Wireshark

Systems & Platforms:
Windows Server, Linux (Ubuntu, Debian, Kali), AWS, Azure, Office 365

Scripting & Programming:
Python, PowerShell, Bash, SQL, Java, Node.js, Git

Productivity & Collaboration:
Microsoft Office (Excel, Word, PowerPoint, Outlook), Technical Writing, Report Documentation

Professional Strengths

Effective Communication • Teamwork • Organization • Adaptability • Problem Solving • Willingness to Learn

Relevant Coursework

Cyber-System Security • Advanced Network Security • Firewalls and Intrusion Prevention Systems

Information Security and Privacy • Data Mining • Digital Forensics Methodologies

Certifications

CompTIA Security+ • CompTIA Network+ • AWS Solutions Architect Associate