

Vlad Zhelezniak

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EXPERIENCE

HCL Technologies

Hartford, CT

Network Security Engineer

Jul. 2022 - Present

- Deployed and configured Cisco routers and switches in high-volume production environments, including implementation of advanced security protocols such as firewalls, VPNs, and IDS/IPS's to ensure secure network operations.
- Maintained and upkept the uptime of clients' applications through proactive monitoring, troubleshooting, and maintenance of network infrastructure.
- Developed and implemented robust backup systems for all vital company data, including regular backups and disaster recovery plans to ensure data availability and continuity of operations.
- Provided technical input in network architecture, procedures, and policies for multiple Fortune 100 companies. Worked closely with clients to understand their requirements and recommended appropriate solutions to meet their needs.

Desktop Support Engineer

- Conducted and resolved tickets with remote troubleshooting, maintaining detailed logs of technical issues and solutions, and ensured customer satisfaction through follow-up communication and reporting of feedback.
- Provided comprehensive support to end-users, swiftly addressing hardware, software, and networking issues through meticulous diagnosis and resolution while offering clear guidance on application and peripheral installations.
- Demonstrated a strong technical background, including expertise in Windows, Linux, and Mac OS environments, extensive knowledge of office automation products, computer peripherals, network security practices, and anti-virus programs.

Central Washington University

Ellensburg, WA

Cybersecurity Capstone Course TA

Sept. 2020 – Jan. 2021

- Developed and delivered comprehensive cybersecurity curriculum to students, including virtual and in-person lectures on advanced topics such as brute-force attacks, malicious traffic detection, and IP network analysis.
- Implemented a dynamic framework for monitoring student progression in cybersecurity concepts utilizing personalized testing applications and targeted practice tests, resulting in improved student performance and exam readiness.
- Provided ongoing guidance and support to students, regularly evaluated progress, and offered constructive feedback to enhance their understanding and mastery of cybersecurity concepts. Contributed to the overall success of the students and the program.

EDUCATION

Central Washington University

Ellensburg, WA

Bachelor of Science: Cybersecurity w/Information Technology

Cumulative GPA: 3.92

Minor: Business Management

Summa Cum Laude

Coursework: Data Science & Data Mining, Cyber Crime, Networking Forensics, Malware Analysis, Ethical Hacking, Penetration Testing, Intrusion Detection, Reverse Engineering

PROJECTS

'Links-Byte' - Suspicious Link Detection Bot

Apr. 2021

- Implemented a security solution utilizing Sandboxie and Python, to create previews of web links before they were visited to prevent unintentional malicious downloads and personal data gathering, resulting in a reduction of user confrontation with phishing websites and fake application downloads, while maintaining an optimal user experience.

Process Exploration of Malicious Applications

May 2020

- Developed an advanced methodology for detecting malicious processes using Process Explorer and Python, resulting in the prevention of DLL hijacking and file injection attacks.

SKILLS & EXTRACURRICULARS

- Programming Languages: Python, HTML/CSS, JavaScript, SQL, NodeJS, PowerShell
- Certifications: CompTIA Security+
- Other: MS Office, AWS, Adobe AE, NMAP, Wireshark, Azure, Active Directory, Zendesk
- Clubs: Ethical Hacking, Network Analysis
- Languages: Ukrainian, Russian, English