

ERIC Z LIU

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EDUCATION

Rutgers University - New Brunswick <i>Master of Information - Technology, Information and Management</i>	Sept. 2021 - Dec. 2023
Rutgers University - New Brunswick <i>Bachelor of Arts in Information Technology And Informatics & Computer Science</i>	Sept. 2018 - May 2022

CERTIFICATIONS

Blue Team Level 1	Expected Jun. 2024
Microsoft Certified: Azure Fundamentals (AZ-900)	Expected Jul. 2024
CompTIA Security+	Feb. 2024
ISC2 Certified in Cybersecurity (CC)	Apr. 2023

PROJECTS

Project: Implementing a SOC Lab Environment with SIEM and Automated Case Management Source: https://ericzliu.tech/portfolio/project-wazuh-soc-lab-environment/ Platforms and Technologies Used: Linux, Sysmon, Digital Ocean (Cloud Hosting), Wazuh (SIEM), TheHive (Case Management), Shuffle Automation, PuTTY, Windows OS / System Utilities	
Project: Building an Active Directory Lab Environment for Real-World Network Testing and Insights Source: https://ericzliu.tech/portfolio/project-active-directory-lab-environment/ Platforms and Technology Used: Active Directory, Windows PowerShell, Windows Server 2019, NAT, RAS, DHCP	
Project: Elevating Network Security and Privacy with Raspberry Pi-Powered Ad Blocking Source: https://ericzliu.tech/portfolio/project-pihole/ Platforms and Technology Used: Raspberry Pi 4, Raspbian OS, Linux, Pi-Hole, DNS, DHCP, SSH	

EXPERIENCE

D2 Cybersecurity <i>Cybersecurity Service Administrator</i>	Jan. 2022 - Present Somerset, NJ
<ul style="list-style-type: none">Managing cybersecurity education and phishing campaign service configuration and setup for 300+ clients, ensuring on-time scheduling, SLA compliance, and high client satisfactionLeading the creation and deployment of phishing simulation campaigns for all clients and internal staff. Researching cybersecurity trends to craft customized phishing emails, resulting in a 60% reduction in phishing click rates and enhancing clients' security postureProviding daily IT service troubleshooting and customer service through phone and email, resolving issues quickly to maintain operational stabilityCollaborating with cross-functional teams (Sales, UI/UX, Engineering, and Networking) to identify and resolve operational issues, resulting in improved operations and ensuring high-quality customer serviceRevamped IT service delivery processes to enhance operational efficiency, leading to the company's largest-ever contract in 2023 and tripling the client base	
Applied Info Partners Inc. <i>IT Intern</i>	Jun. 2021 - Aug. 2021 Somerset, NJ
<ul style="list-style-type: none">Implemented DNS, DHCP, IIS, and Active Directory services on Windows Server 2016 within a local area network, demonstrating proficiency in system testing and implementationAssisted in maintaining user accounts and permissions, overseeing access control for over 50 users on Windows Server, contributing to improved organizational securityPartnered with system administrators to implement a 3CX IP phone system and MDAemon mail server as a sample environment, gaining hands-on experience in integration and server management	

PROFESSIONAL DEVELOPMENT

[Black Hills Information Security Workshop: Demystifying Windows Malware Investigations](#)

Mar. 2024

- Attended a workshop by Black Hills Information Security focused on tactical forensics for Windows endpoints, gaining knowledge in artifact collection, malware analysis, and rapid triage workflows to effectively investigate and respond to security incidents

[ANZ Australia - Cybersecurity Management Job Simulation on Forge](#)

Nov. 2023

- Conducted a cybersecurity threat simulation focused on identifying potential vulnerabilities
- Successfully detected and analyzed cybersecurity threats leveraging expertise in phishing email analysis and packet capture file examination using Wireshark and HxD

SKILLS AND TECHNOLOGIES

- **Coding Languages:** Python, HTML/CSS, SQL
- **Tools/Frameworks:** Active Directory, SIEM Tools (Azure Sentinel, Splunk), Cloud Services (AWS, Azure, Digital Ocean), Cyber Kill Chain, Linux, Microsoft Defender, MITRE ATT&CK, MISP Threat Intelligence Platform, Nessus Essentials Vulnerability Scanning, NIST / ISO Standards, tcpdump, TTPs (Tactics, Techniques, and Procedures), VirusTotal, Wireshark