

EXPERIENCE

Security Engineer Intern (Incoming)

Amazon Inc.

June 2022 - Sept. 2022
Washington, D.C. Metro Area (Remote)

- Incoming member of the Amazon Information Security Department in Washington, D.C.

Computer Information Systems Department Tutor

Whatcom Community College

Oct. 2020 - Apr. 2022
Bellingham, WA

- Teach and assist students with WCC Computer Information Systems Department coursework
- Technologies/objectives: Cisco CCNA prep, enterprise security fundamentals, Linux admin with Bash, OS architecture, OOP with Java

IT Support Specialist (Short-Term Contract)

Anvil Corporation

Sept. 2021 — Oct. 2021
Bellingham, WA

- Employed PowerShell and Quest KACE to automate network-based workstation re-imaging, improving deployment time metrics
- Performed hardware upgrades on workstations and servers to accelerate business-critical AutoCAD rendering processes
- Carried out on-site network maintenance and inventory cataloging to ensure consistent remote, WFH employee access

Collegiate Cyber Defense Competition (Team Captain)

Western Washington University

Jan. 2021 — Mar. 2021; Jan. 2022 — Apr. 2022
Bellingham, WA

- Managed the deployment and maintenance of Palo Alto Firewall + IPS to protect the network from external threats
- Hardened Windows and *nix systems and services; filed incident reports; prepared technical security documentation
- Provided organized and effective client support while under relentless attack by skilled industry professionals

EDUCATION

Cybersecurity, BS

Western Washington University (GPA: 3.93)

Jan. 2021 — June 2023 (Expected)
Bellingham, WA

- Relevant coursework: operating systems, databases, functional programming, computer architecture, technical writing, cyber law
- Academic experience with Java, C, Python, MySQL, Bash, PowerShell

Political Science, BA

Western Washington University (GPA: 3.93)

Jan. 2021 — June 2023 (Expected)
Bellingham, WA

- Relevant coursework: American legal structures

Cybersecurity, AAS

Whatcom Community College (GPA: 3.97; Graduated with Honors)

Sept. 2017 — Dec. 2020
Bellingham, WA

- Relevant coursework: Cisco CCNA Routing and Switching, network security architecture, implementing security policy, regulatory standards and compliance, firewall management, industrial control systems security, business/client service and professionalism
- Obtained WCC CIS Certificate of Network Administration
- Placement on Dean's List for exemplary performance for ten consecutive academic quarters

ACTIVITIES

WWU Cybersecurity Club

Western Washington University

Sept. 2020 — Present
Bellingham, WA

- Club President and student event leader; Captain of the Western Washington University Cyber Defense Team
- Managed the complete redevelopment of club resources and organizational structure, increasing member count by over 10x in one year

Department of Energy CyberForce Competition (Team Captain)

Western Washington University

Oct. 2021 — Nov. 2021
Bellingham, WA

- Maintained professional client relations in a security management role against an assumed, actively exploited breach
- Prepared technical documentation, drafted reports to facilitate event organization

PROJECTS

Personal Website and Tech Blog

swlacy.com

- Dedicated to educational technical articles related to competition/CTF reports, malware analysis, and security research
- Intermediate web development skills with HTML, JavaScript, CSS; Frameworks: React, Hugo
- Over 700 views per month

Discord Shell

github.com/lacysw/DiscordShell

- Discord API-powered botnet and C2 designed to infect Windows and Linux hosts while evading AV engines
- Built with Python, Bash, PowerShell; constructed for educational/demonstrative purposes

Home Lab

swlacy.com/netdiag

- Proxmox VM cluster: self-hosted DNS with domain-filtering, isolated malware analysis lab, remote development environment, file storage system, media server appliances, CTF images, various game servers
- External access via WireGuard