✉ contact@swlacy.com
🌐 swlacy.com

SID LACY

linkedin.com/in/lacysw **in**
github.com/lacysw **◯**

EXPERIENCE

Security Engineer Intern — Jun 2022 — Present
Amazon Web Services (AWS) — *Washington, D.C. Metro Area (Remote)*
- Developing a Python service to automate the auditing and scoring of open-source software in AWS CI/CD development pipelines against OpenSSF security metrics
- Stored large data sets using DynamoDB; exported to QuickSight for human-friendly, accessible visual review
- Used Git inside of AWS Lambda and AWS EC2; performed code review in a CI/CD pipeline driven environment

Computer Information Systems Department Tutor — Oct 2020 — Apr 2022
Whatcom Community College — *Bellingham, WA*
- Taught and assisted students with WCC Computer Information Systems Department coursework
- Technologies/objectives: Cisco CCNA prep, enterprise security fundamentals, Linux admin with Bash, OS architecture, Java

IT Support Specialist (Short-Term Contract) — Sep 2021 — Oct 2021
Anvil Corporation — *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

EDUCATION

Cybersecurity, Bachelor of Science — Jan 2021 — Jun 2023 (Expected)
Western Washington University (GPA: 3.93) — *Bellingham, WA*
- Courses incl. network security, database architecture, OS concepts, technical writing, func. programming and structures, cyber law
- Academic experience with Java, C, Python, MySQL, Bash, PowerShell, Git, MySQL, pair programming, disassembly/RE
- Minor: Political Science; relevant coursework in American legal structures

Cybersecurity, Associate of Science — Sep 2017 — Dec. 2020
Whatcom Community College (GPA: 3.97; Graduated with Honors) — *Bellingham, WA*
- Courses incl. CCNA Routing and Switching, security policy/compliance, risk management, ICS, 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 (President) — Sep 2021 — Present
Western Washington University — *Bellingham, WA*
- Student event leader; Captain of the Western Washington University Cyber Defense Team
- Managed the complete redevelopment of club resources and organizational structure, increasing membership by 10x in one year

Collegiate Cyber Defense Competition (Team Captain) — Jan 2021 — Mar 2021; Jan 2022 — Apr 2022
Western Washington University — *Bellingham, WA*
- 2022 team Captain and security strategist; 2021 competitor
- Managed deployment and maintenance of Palo Alto Firewall/IPS to protect network from external threats
- Hardened Windows and Linux/BSD systems and services, filed incident reports, prepared technical security documentation
- Provided organized and effective client support while under relentless attack by skilled industry professionals

Department of Energy CyberForce Competition (Team Captain) — Oct 2021 — Nov 2021
Western Washington University — *Bellingham, WA*
- Maintained professional client relations in a security management role against an assumed, actively exploited breach
- Prepared technical documentation for clients and internal parties, drafted reports to facilitate event organization

PROJECTS

Personal Website and Security Blog — *swlacy.com*
- Dedicated to educational technical articles related to competition/CTF reports, malware analysis, and security research
- Intermediate web development skills with JavaScript, HTML, CSS; Frameworks: React, Hugo

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 — *Info on request*
- 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