Mackenzie Korevaar-Dorsey

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EDUCATION

Western Governors University (WGU)   **July 2023 to Present (Junior)**
  B.S. Cybersecurity and Information Assurance

CERTIFICATIONS AND TECHNICAL SKILLS

CompTIA Certifications: A+, Network+, Security+ | ITIL Foundation | LPI Linux Essentials

Operating Systems:Windows, ChromeOS, iOS, Linux

Security Tools: Wireshark, Nmap, BurpSuite, Metasploit

Programming: Python, Flask, Docker, HTML, CSS, Bash, Git

PROJECT EXPERIENCE

CTF Challenge Creator - BSides Seattle 2025 & 2026

- Architected custom FTP exploitation challenge with 'pass the hash' vulnerability for 1,500 attendee conference at Microsoft HQ; deployed across 35 teams generating 1,490 flag submissions. Developed Flask-based web application with Docker containerization, database integration, and API authentication for BSides 2026.

EMPLOYMENT

Columbia Electric Supply – Yakima, WA   **January 2024 - Current**
  Inside Sales
- Generated sales leads, contacted customers, prepared quotes, and closed deals to exceed sales targets.
- Managed customer and inventory databases and collaborated with sales team, warehouse staff, and vendors for timely delivery and to ensure customer satisfaction.
- Utilized direct sales, customer service, and cybersecurity skills to identify new business opportunities.
- Tier 1 Help Desk Support: Lead support for the local branch, including:
    -Configuring and managing DHCP, WAN/LAN, VOIP, and subnet systems.
    -Managed modernization updates: upgraded branch to fiber, modernizing/adding access points for complete coverage, migrated to stronger cloud security posture.
    -Creating and maintaining technical documentation for processes.

Red Team Association – Seattle, WA   **February 2024 - Current**
  Security Engineer & Challenge Designer
- Develop full-stack applications, custom vulnerabilities, and containerized infrastructure for large-scale CTF competitions.
- Led challenge design for BSides Seattle conferences, creating Flask applications with Docker and API authentication, along with FTP challenges utilizing "pass the hash" techniques.
- Coordinate teams to conduct threat intelligence and write up incident response walkthroughs for challenges.

ACTIVITIES, ACHIEVEMENTS, & COMMUNITY SERVICE

- Honor Society/Dean's List (WGU)
- Completion of Bandit CTF on overthewire.org
- Completion of Tier 0, 1, 2 HackTheBox challenges
- Memberships:
   WGU Cybersecurity Club
   ISSA (Information Systems Security Association)
- 97th percentile NCL ranking (171/4678)
- Volunteer BSides Security Conference
- 15 years Relay for Life volunteer