

KIM HUYNH

huynhk@wwu.edu | (253) 293-1733

TECHNICAL SKILLS/COURSEWORK: (3+ YEARS)

Cisco: Routers, Switches

Infrastructure Services: DHCP, DNS, SMTP, FTP

Security Tools: Metasploit, Systinternals, John The Ripper, NMap, Burp Suite

Operating Systems: Ubuntu, Kali, Security Onion, Win XP and Win 7

Programming/Scripting: (3+ Years Practical Application) Python, Java, C, HTML, Bash, Assembly, PowerShell

Networking and Protocols: TCP/IP, UDP, SSH, IPv4, IPv6, ICMP, VLAN, Inter-VLAN, OSPF, RIP

EDUCATION: B.S., Computer & Information Systems Security (CISS)

Western Washington University (WWU), Expected Graduation

08/19

Associate in Applied Science, Cybersecurity

Whatcom Community College (WCC), Graduated

08/17

RELATED EXPERIENCE:

Cybersecurity Engineer Intern

06/18 – Present

Premiera Blue Cross, Mountlake Terrace, WA

- Performed black box security testing with the red team using known injection techniques to find vulnerabilities and holes within a JSON application built for third party clients as the last step in the SDLC
- Presented executive briefings to our CEO, CIO and CISO
- Assisted in the administration and integration of security tools to use new logs and sources to increase visibility and automation
- Updated a script to process thousands of malicious threat intel and query our database to find instances within our network using JSON that integrates with a log management software
- Built a script to provide backup and transfer of data to a secure location using PowerShell
- Built dashboards and created alerts for our team using Splunk to increase visibility of threat intel
- Perform hunting for malicious activity through log analysis and various tools
- Collaborate with senior engineers to assist in alerting as a part of the PICERL process as a response to threats found within the network
- Denotate malware within sandboxes to identify indicators of compromise
- Contribute to user education through participation in security awareness events, newsletters and weekly security presentations
- Collaborated with engineer in the identity access management team to build a password generator in python
- Documented for cross-functional teams within Cybersecurity department during risk management meetings for compliance and policies implementation for HITRUST

Intern/Mentor

04/17

Girls Go Tech, Whatcom Community College, Bellingham, WA

- Collaborated with faculty to create and facilitate the workshop dedicated to helping middle school girls get involved with science and technology
- Educated the girls on basic programming concepts through Scratch so they may create their own interactive stories, games and animations
- Facilitated cybersecurity concepts such as identifying threats through social engineering, password protection, appropriate online interactions, and physical security

Intern/Mentor

06 – 07/16

GenCyber Camp, Whatcom Community College, Bellingham, WA

- Assisted in the development of fun and engaging curriculum for middle and high school students financed by the **National Security Agency (NSA)** and the **National Science Foundation (NSF)**
- Mentored and taught abstract cybersecurity concepts such as cryptography, programming through the Raspberry Pi, setting up a small network on Packet Tracer
- Incorporated the ten principals of cybersecurity from the NSA and the NSF throughout the curriculum
- Students at the end of the camp were interviewed and observed by the NSA officials and WCC received a grant for next year's cybersecurity camp

EXTRACURRICULAR/OUTREACH:**Competition:**

- Collaborated with the Pacific Northwest National Laboratory and the Department of Energy to assist in red teaming and judging for the CyberForced National Competition - 12/18

Volunteer:

- Creators and Innovators Club (Bellingham) – Assist in providing opportunities for low-income and at-risk middle school girls various Arduino projects
- Hour of Code (Bellingham) – Mentored 2nd grade students to introduce them to computer science concepts - 12/18 & 12/19

Leadership:

- Association for Computing Machinery (ACM) – Webmaster – Present
- Women in Cybersecurity (WiCyS) WWU President – Present
- National Collegiate Cyber Defense Competition (CCDC), WWU team – Present
- Association for Women in Computing – Member and ACM Liaison
- International Consortium of Minority Cybersecurity Professionals – Member
- Technology Alliance Group Summit Attendee – 11/18
- LinuxFest Northwest Attendee – 04/18