# KIM HUYNH

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## 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
Premera Blue Cross, Mountlake Terrace, WA

- 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
- Built dashboards and created alerts for anomaly detection and threat hunting using Splunk
- Collaborate with senior engineers to assist in alerting as a part of the PICERL process as a response to threats found within the network
- Build a password generator in python
- Denotate malware within sandboxes to identify indicators of compromise
- Contribute to user education through participation in security awareness events, newsletters and weekly security presentations
- Performed black box security testing with our engineers within an application built for third party clients as the last step in the SDLC
- Presented executive briefings to our CEO, CIO and CISO for the year-end review

***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
- Security Innovation Capture the Flag

*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 09/17 - Present
- Technology Alliance Group Summit Attendee – 11/18
- International Consortium of Minority Cybersecurity Professionals – 09/18
- Splunk Conferences 09/18
- LinuxFest Northwest Attendee – 04/18