Benjamin Kim

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EDUCATION

BACHELOR OF SCIENCE IN INFORMATICS | University of Washington – Seattle   June 2024
Focus Area: **Information Assurance and Cybersecurity**
Relevant Coursework: Enterprise Risk Management, Networks and Distributed Applications, Software Arch

TECHNICAL SKILLS

Programming Languages: Python, SQL, React.js, D3.js, HTML/CSS, Java, R
Operating Systems: Linux (Kali, Parrot OS, Ubuntu), Windows
Applications and Frameworks: Metasploit, Docker, ZAP, Wireshark, GNUs (Emacs, Syncthing), Git
Certifications: **CompTIA Security+**: June 2024

TRANSFERABLE SKILLS

Networking Proficiency   Operating System Knowledge
Scripting and Automation   System Administration
Risk Assessment   Penetration Testing

EXPERIENCE

Community Assistant | American Campus Communities - Seattle, WA   July 2023 – Jan. 2024
- Managed digital locker systems, reducing discrepancies by 30%, and maintained network infrastructure.
- Administered customer password and email systems, ensuring security and data integrity.
- Contributed to a 20% increase in sales and conversion rates, effectively communicating and collaborating with coworkers and managers.
- Established and maintained trusted relationships with key stakeholders and executive sponsors within customer organizations.

IT Intern | Lavner Education - Seattle, WA   July 2022 – Sept. 2022
- Support the setup and maintenance of on-site computer hardware, software, inventory, and internet connectivity.
- Provide continuous troubleshooting and technical support to staff and students.
- Assist with code debugging and project backups.
- Learn and use camp curriculum to teach, explain, and complete all course projects.

TECHNICAL PROJECTS

Checksum Matcher   Aug. 2023 – Sept. 2023
- Developed a robust Java application designed to validate **MD5 and SHA256 checksum hashes** via command line certutil and online web requests using Java.
- Ensured the integrity of downloaded files from distributors by detecting any potential tampering or alterations.

Password Manager   Jan. 2024 – Present
- Contributed to the enhancement of UW 310's password manager, overseeing the secure management of user and admin credentials across various departments.
- Utilized **PHP, Docker, Python, Shell scripting, and JavaScript** to implement robust security measures, including encryption, logging mechanisms, payload protection, cookie access control, and defense against ARP spoofing attacks to fortify the application's defenses.