JaeWon Jin

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EDUCATION

Purdue University   **May 2021**
Bachelor of Science in Cybersecurity | Cumulative GPA: 3.86   *West Lafayette, IN*

ACADEMIC PROJECTS

Vulnerable Virtual Machines   **Spring 2021**
Purdue University
- Collaborated with other students to demonstrate the process of creating a vulnerable virtual machine. (Windows and Linux)
- Responsible for implementing a FTP vulnerability and introducing a vulnerable imaging application to the system.
- Presented the exploited vulnerabilities, the capabilities of an exploited system, and the procedures to prevent exploitation in a format that was easy to digest.

Network Security   **Spring 2021**
Purdue University
- Configured two networks, each with their own HTTP/FTP server in a DMZ, Windows workstation and server on the LAN, and firewall solution. (pfSense and vyOS)
- Examined, troubleshot, and resolved firewall rules according to network specifications, testing and checking settings to ensure proper functionality.
- Utilized tools such as nmap, Nessus, and IDSs (Suricata and Snort) to perform reconnaissance and network monitoring on vulnerable machines.
- Organized team meetings for weekly progress reports, and the documentation of procedures taken during the configuration process.

VOLUNTEER WORK

Waggle Stack Deployment Project (Argonne National Laboratory)   **Jan 2020 - Apr 2020**
- Worked closely with Argonne National Laboratory to develop/improve a solution to a low-power Waggle Stack in rural locations.
- Identified elements of the Waggle Stack with potential improvements in a team-environment
- Initiated testing of prototype and improvement to the Waggle Stack code for efficient up-time
- Documented the team's processes and procedures in a concise report for Argonne.

SKILLS

- **Computer languages**: Java
- **Operating Systems**: Windows 10, Windows 7, CentOS 7, Ubuntu
- **Forensic Tools:** FTKImager, Autopsy, Magnet Axiom, EnCase, OSForensics
- **Server Administration:** Windows Server 2016