Hyun Yi

SECURITY ENGINEER · SECURITY RESEARCHER · DEVELOPER

Manan-gu, Anyang-si, Gyeonggi-do, Republic of Korea

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Experience

Infosec

REPUBLIC OF KOREA ARMY   Feb 2021 - Jul 2022

- Conducted inspections of network systems and PCs to ensure functionality and identify any abnormalities.
- Implemented automation for some repetitive tasks, increasing efficiency and reducing manual workload.

Projects

Campus Monitoring System   🐙 Water9Tree

DEVELOPER   Apr 2024 - Oct 2024

- Developed as part of a B.S. capstone project, this system utilized Kubernetes for distributed processing.
- Conducted load testing to validate load balancing performance.

Club Website Development Project   🐙 KEEPER31337/Homepage-Back-R2

DEVELOPER   Dec 2022 - Mar 2023

- Developed and contributed to the backend of the KEEPER club's website at Pusan National University.
- Utilized Java, Spring Boot, JPA, Spring Data JPA and JUnit5.

RegistryPlugins   🐙 EricZimmerman/RegistryPlugins

CONTRIBUTOR   Jan 2021 - Present

- Developed plugins for Registry Explorer, a tool developed by Eric Zimmerman.
- Plugin Lists: FeatureUsage, IconLayouts, SCSI, SWD, USB, USBSTOR, Uninstall, etc.

Evtx   🐙 EricZimmerman/Evtx

MAP CONTRIBUTOR   Nov 2020 - Present

Hyara   🐙 hyuunnn/Hyara

DEVELOPER   Jun 2018 - Present

- A plugin developed to reduce repetitive tasks in Yara rule creation.
- Provides convenience to users through PyQt and is compatible with IDA Pro, Binary Ninja, Cutter and Ghidra.

Skills

Languages	**Python**, **Java**, C#, C++, Kotlin, Lua
Spoken Languages	**Korean**, English
Programs	**Visual Studio Code**, **Visual Studio**, **Neovim**, IntelliJ IDEA

Education

Financial Security Academy   Seoul, Republic of Korea

CYBER THREAT RESPONSE AND ANALYSIS TRACK   Jul 2024 - Present

Pusan National University   Busan, Republic of Korea

B.S. IN COMPUTER SCIENCE   Mar 2019 - Present

- CLUB: KEEPER (Cyber Security Club)

KITRI Best of the Best 6th   Seoul, Republic of Korea

DIGITAL FORENSICS TRACK (TOP15)   Jul 2017 - Apr 2018

- Developed a service for similarity analysis using techniques such as function representative, rich header, numerical values and fuzzy hashing.
- Completed various coursework and assignments related to digital forensics in addition to the project.

Sunrin Internet High School   Seoul, Republic of Korea
Graduated, Information Technology   Mar 2016 - Feb 2019

Honors and Awards

HackTheon Sejong   Sejong City
Team: QWER, Excellence Prize   Jun 2024

KOSPO Information Security Competition   KOSPO (Korea Southern Power Co., Ltd.)
Team: 친구없어요, Encouragement Prize   Aug 2023

Digital Forensic Challenge   Korea Institute of Information Security & Cryptology
Team:asserTiVe, 1st   Nov 2022

Cyber Conflict Exercise (CCE) Final   National Security Research Institute
Team: null, 1st (Public Division)   Nov 2021

ROKA Hacking Contest   Korea Digital Forensic Society
Team: 전투휴무, 3rd   Nov 2021

KDFS Digital Forensic Challenge   Korea Digital Forensic Society
Team: Enough1day, 2nd   Dec 2020

Digital Forensic Challenge   Korea Institute of Information Security & Cryptology
Team:Defenit, 3rd   Nov 2020

Digital Forensic Challenge   Korea Institute of Information Security & Cryptology
Team:Defenit, 3rd   Nov 2019

Teaching

Digital Forensic Study   hyuunnn/forensic-study-2023winter
Pusan National University - KEEPER   Jan 2024 - Feb 2024

Presentation

Functional Programming for Beginners   Busan, Republic of Korea
Pusan National University - KEEPER   Apr 2024

Hyara - Generator for YARA Rules   Seoul, Republic of Korea
KimchiCon 2018 (Newbie Session)   Sep 2018

Licenses and certifications

Engineer Information Processing   HRD Korea
Credential ID 24201210476K   Jun 2024