

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.
- Experienced in identifying and reporting vulnerabilities due to API defects.

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

GRADUATED, INFORMATION TECHNOLOGY

Seoul, Republic of Korea

Mar 2016 - Feb 2019

Honors and Awards

HackTheon Sejong

TEAM: QWER, EXCELLENCE PRIZE

Sejong City

Jun 2024

KOSPO Information Security Competition

TEAM: 친구없어요, ENCOURAGEMENT PRIZE

KOSPO (Korea Southern Power Co., Ltd.)

Aug 2023

Digital Forensic Challenge

TEAM: ASSERTIVE, 1ST

Korea Institute of Information Security & Cryptology

Nov 2022

Cyber Conflict Exercise (CCE) Final

TEAM: NULL, 1ST (PUBLIC DIVISION)

National Security Research Institute

Nov 2021

ROKA Hacking Contest

TEAM: 전투휴무, 3RD

Republic of Korea Army Headquarters

Nov 2021

KDFS Digital Forensic Challenge

TEAM: ENOUGH1DAY, 2ND

Korea Digital Forensic Society

Dec 2020

Digital Forensic Challenge

TEAM: DEFENIT, 3RD

Korea Institute of Information Security & Cryptology

Nov 2020

Digital Forensic Challenge

TEAM: DEFENIT, 3RD

Korea Institute of Information Security & Cryptology

Nov 2019

Teaching

Digital Forensic Study

PUSAN NATIONAL UNIVERSITY - KEEPER

 hyuunnn/forensic-study-2023winter

Jan 2024 - Feb 2024

Presentation

Functional Programming for Beginners

PUSAN NATIONAL UNIVERSITY - KEEPER

Busan, Republic of Korea

Apr 2024

Hyara - Generator for YARA Rules

KIMCHICON 2018 (NEWBIE SESSION)

Seoul, Republic of Korea

Sep 2018

Licenses and certifications

Engineer Information Processing

CREDENTIAL ID 24201210476K

HRD Korea

Jun 2024