

# Hyun Yi

SECURITY ENGINEER · SECURITY RESEARCHER · DEVELOPER

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

☎ (+1) 111-111-1111 ✉ hyuunnnn@gmail.com 📞 hyuunnn 🌐 Hyun Yi

## 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.

## Honors and Awards

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### 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

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### Digital Forensic Study

PUSAN NATIONAL UNIVERSITY - KEEPER

 hyuunnn/forensic-study-2023winter

Jan 2024 - Feb 2024

## Presentation

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### 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

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### Engineer Information Processing

CREDENTIAL ID 24201210476K

HRD Korea

Jun 2024