SungJun Park

github.com/realsung   realsung.kr   linkedin.com/in/realsungs   sungjun0208@gmail.com

PERSONAL PROFILE

I am currently an undergraduate student with a keen interest in cybersecurity. I am involved in competitions and projects related to cybersecurity. I am very interested in areas such as 0-day, exploitation techniques and vulnerability analysis.

EDUCATION

Soongsil University — Mar. 2021 – Present
B.S. Computer Science — *Current GPA: 3.86/4.5*
Scholarships: Received scholarship for academic excellence for 1 semester.(Spring 2022)

Scholarships: Received scholarship for Professor Council.(Fall 2022)

Scholarships: Received scholarship for Presidential Science Scholarship Of Korea Student Aid Foundation.(2023)

KITRI Best of the Best — Jul. 2020 – Mar. 2021
Vulnerability Analysis Track

Seoul Women's University — Mar. 2019 – Dec. 2019
Information Security Education Institute for Gifted
Received award for Best Student

Sunrin Internet High School — Mar. 2018 – Feb. 2021
Major in Information Security
Received award for Achievement Award

SKILLS

Languages: C/C++, Python, Assembly, Java, JavaScript.
Tools: Linux, GDB, Git, Docker, JEB, IDA, Burp Suite, CodeQL, Angr

PROJECTS

Uri-Fuzzer | *KITRI BoB 9th Project* — Sep. – Dec. 2020
- Developed Vulnerability Finders and Fuzzers Triggered by URI Scheme in Android, iOS

EXPERIENCE

Soongsil University(Cyber Security Lab) | *Undergraduate Researcher* — Mar. 2023 – Present
Research about embeded file system taint-analysis project

STEALIEN | *Senior Researcher* — Jan. 2023 – Present
Performed security research project for business(Drone, Satellite, Hacking Competition)

HSPACE | *Hacking Team Leader* — Oct. 2022 – Present
Performed various tasks as a hacking team leader

Soongsil University(Network Security and Privacy Lab) | *Undergraduate Researcher* — May. 2021 – Feb. 2023
Research about IoT vulnerability and MQTT(Message Queue Transform Protocol) Fuzzing

Soongsil University(Cyber Security Lab) | *Undergraduate Researcher* — May. 2021 – Present
Research about AGL(Automative Grade Linux) and Participated cyber security challenge competition(Car Hacking)

M-Secure | *outsourcing* — Oct 2021 – Dec 2021
Performed mobile application system pentesting project of public institution

Achievements

1st ESCAPE CTF Final t3n4ci0us	2024
Pwned, Pwn2Own Toronto Wyze Cam v3 RCE($15000) Zero Day Initiative	2023
3rd WhiteHat Together Season2 Bugbounty Competition KISA	2023
2nd The 5th KO-WORLD Hacking Competition in Dubai($10000) Employment and Labor and Korea Polytechnics	2022
1st Hacktheon University Student Cyber Security Competition($3500) Sejong, Korea	2022
2nd International Hacking Competition CODEGATE, University Division($2000) Ministry of Science and ICT Michigan	2022
3rd Financial Security Threat Analysis Competition($350) Financial Security Institute	2023
1st justCTF [*] 2020($1337) justCatTheFish	2021
2nd WhiteHat Contest - Cyber Operations Competition($3500) Ministry of National Defense	2020
2nd 15th Information Protection Olympiad($500) Committee of the Olympiad	2020
2nd HackTM CTF Final ($1000) HackTM	2020
1st m0leCon CTF Politecnico di Torino University	2020
3rd m0leCon CTF Teaser Politecnico di Torino University	2020
Finalist, International Hacking Competition CODEGATE, Junior Division Ministry of Science and ICT	2020
2nd HackTM CTF Final ($1000) HackTM	2020
3rd 14th Information Protection Olympiad($200) Committee of the Olympiad	2019
Finalist, International Hacking Competition CODEGATE, Junior Division Ministry of Science and ICT	2019

Teaching Experience

May–Jul 2024, WhiteHat School Project PL(LLM Integrated Web Hacking), KITRI
Winter 2023, Linux System Security Basic(Pwnable), Sunrin Internet High School
Nov–Dec 2023, WhiteHat School Project PL(RealWorld Vulnerability Analysis Project based on Modern Web 1 -Day Vulnerability Research), KITRI
Aug–Nov 2023, Security Project Mentor, Sunrin Internet High School
Summer 2023, Linux System Security Advanced(Pwnable), Sunrin Internet High School
Winter 2022, Linux System Security(Pwnable) Basic, Sunrin Internet High School
Summer 2022, System Hacking Special Lecture, Semyeong Computer High School
Sep–Nov 2022, Security Project Mentor, Sunrin Internet High School

Summer 2022, Linux System Security Advanced(Pwnable), Sunrin Internet High School
Winter 2021, Linux System Security(Pwnable) Basic, Sunrin Internet High School
Oct–Sep 2021, Security Project Mentor, Sunrin Internet High School
Summer 2021, Linux System Security Basic and Advanced(Pwnable), Sunrin Internet High School

SPEAKER

Mar. 2024, Getting into security as an undergraduate, Soongsil University Devcon
Sep. 2021, Going to university with hacking, Sunrin Internet High School Layer7

PUBLICATIONS

Patent Application: Method, Apparatus and Recording Medium for Transmitting and Receiving Message Based on Message Queuing Telemetry Transport (Application No. 10-2023-0177577, Filed December 8, 2023) - Co-Inventor with Hyojin Cho, **Sungjun Park**, Juwon Oh, Deunsol Lee, Jaewoong Heo; currently under review.

AUTHOR

2024, ACS(ASEAN Cyber Shield) CTF
2023, ACS(ASEAN Cyber Shield) CTF
2023, KERIS CTF
2023, The Hacking Championship Junior CTF
2023, Incognito CTF
2023, Soongsil University on-campus CTF
2023, Army Hacking Competition
2022, WhiteHat Contest
2020, Sunrin Internet Hacking Competition
2020, Defenit CTF

BUGBOUNTY

CVE: CVE-2023-29994, CVE-2023-29995, CVE-2023-29996
KVE: KVE-2020-1668, 1669, 1670, 1671, 1672, 1673, 1674, 1675, 1682, 1683, 1684, 1685, 1686, 1689
NAVER: NBB-1594