

SungJun Park

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PERSONAL PROFILE

I'm an undergraduate student from South Korea majoring in software engineering with a focus on cyber security. I conduct security research projects and have a strong interest in vulnerability analysis and exploit techniques. I enjoy going on adventures, and I love challenging myself.

EDUCATION

Soongsil University Mar. 2021 – Present

B.S. Software Engineering

Scholarships: Received scholarship for Academic Excellence for 1 semester.(Spring 2022, \$1000)

Scholarships: Received scholarship for Professor Council.(Fall 2022, \$1000)

Scholarships: Received scholarship for Presidential Science Scholarship Of Korea Student Aid Foundation.(2023, \$20000)

Scholarships: Received scholarship for A Proud Software Student.(2024, \$1000)

KITRI Best of the Best Jul. 2020 – Mar. 2021

9th, Vulnerability Analysis Track

Seoul Women's University Mar. 2019 – Dec. 2019

Information Security Education Institute for Gifted

Received award for Best Student(\$500)

Sunrin Internet High School Mar. 2018 – Feb. 2021

Major in Information Security

Received award for Achievement Award

SKILLS

Interests: Binary Exploit, Static Analysis, IoT, 0-Day&1-Day Research, Web3 Security

Languages: C/C++, Python, Java, JavaScript, Solidity

Tools: Linux, GDB, Git, Docker, JEB, IDA, Burp Suite, CodeQL, Angr

EXPERIENCE

Soongsil University(Cyber Security Lab) | Undergraduate Researcher Mar. 2023 – Present

Research about embeded file system static analysis project

STEALIEN | Research Project Team Senior Researcher Jan. 2023 – Jan. 2025

Conducting national cyber security research projects

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 – Feb. 2022

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

6th, Hack the DRONE Final(Team Supersonic) KDSA	2024
9th, DEFCON32 CTF Final(Team Cold Fusion) Nautilus	2024
6th, HITCON CTF Quals(Team Cold Fusion) Hitcon	2024
10th, Plaid CTF(Team Cold Fusion) Plaid Parliament of Pwning	2024
1st ESCAPE CTF Final t3n4ci0us	2024
Pwned, Pwn2Own Toronto Wyze Cam v3 RCE(Team STEALIEN, \$15000, CVE-2024-6249) Zero Day Initiative	2023
3rd WhiteHat Together Season2 Bugbounty Competition(\$300) 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(Team ASC, \$3500) Sejong, Korea	2022
2nd International Hacking Competition CODEGATE, University Division(Team SSU, \$2000) Ministry of Science and ICT Michigan	2022
3rd Financial Security Threat Analysis Competition(Team KMP, \$350) Financial Security Institute	2021
1st justCTF [*] 2020(Team AlPray, \$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 (Team AlPray, \$1000) HackTM	2020
1st m0leCon CTF (Team Alpray) Politecnico di Torino University	2020
3rd m0leCon CTF Teaser (Team Alpray) Politecnico di Torino University	2020
2nd Securinets CTF (Team Defenit) Tunisian cybersecurity enthusiast	2020
Finalist, International Hacking Competition CODEGATE, Junior Division Ministry of Science and ICT	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

Aug–Nov 2024, Security Project Mentor(MLOps Platform Vulnerability Analysis), Sunrin Internet High School
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(Real-World Vulnerability Analysis Project based on Modern Web 1 -Day Vulnerability Research), KITRI
Aug–Nov 2023, Security Project Mentor(IoT Firmware Vulnerability Analysis), 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(Electron, Deeplink Application Vulnerability Analysis), 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

Jun. 2024, Deeplink Deep Dive, GDSC Soongsil
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, KERIS CTF (KERIS)
2024, HCTF (Hanyang University, Seoul)
2024, ACS(ASEAN Cyber Shield) CTF (KISA)
2024, ICDX Cybersecurity Competition (Korea Fiscal information Service)
2024, KOSPO CTF (Korea Southern Power Co., Ltd.)
2024, FIESTA CTF (Korea Financial Security Institute)
2023, ACS(ASEAN Cyber Shield) CTF (KISA)
2023, KERIS CTF (KERIS)
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

FindTheGap: 2023 Hall Of Fame 20th, FVE-2024-ea55-66088, FVE-2024-ea55-66098, FVE-2024-ea55-66720
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: 2020 Hall Of Fame 26th, NBB-1594