Songhyun Bae

Security Researcher, Developer

CONTACT

Email: baesonghyun91@gmail.com

Blog: <u>bshyuunn.github.io</u>
Twiiter: <u>@bshyuunn</u>

Github: bshyuunn

Web3 Portfolio: bshyuunn-web3-portfolio

EDUCATION

Korea University

Undergraduate Student

• Bachelor of Cyber Defense

Seoul, South Korea March 2024 -

Daejeon Daeshin High School

High School, Graduated

Daejeon, South Korea March 2021 - February 2024

ACTIVITIES

CyKor, 2025 Spring Recruit CTF Operation

Authored two Web3 Challenges [chal-1] [chal-2]

Seoul, South Korea March 2025

November 2024

Seoul, South Korea

OnlyPwner Wargame 15th Place

A wargame focused on the security aspects of

Ethereum and EVM smart contracts

Participant, KISA Hunting Master 1st Cohort

Fuzzing and Vulnerability Detection for Software

May 2024 – June 2024

Participant, Stealien SSL Program 3rd Cohort

Web-Based O/1-Day Semiautomation Analysis and

Plugin Development

Seoul, South Korea October 2023 – February 2024

October 2023 – February 2024

Participant, KITRI WhiteHat School 1st Cohort

Automation and Enhancement of Exploit Generation

Using NLP

Seoul, South Korea September 2023 – May 2024

SPEACH

27th <u>Hacking Camp</u> by <u>Poc Security</u>

Hacking with Al: Try Web Hacking with Reinforcement Learning

Seoul, South Korea August 2023

DISCLOSED BUG Web3, Immunefi

Toucan Protocol

- [Not public yet] (Medium)
- [Not public yet] (Medium)
- [Not public yet] (Low)

System & Software

Apple

• CoreMedia Playback - Denial of Service (CVE-2025-24184)

NASA

• <u>CryptoLib</u> - Heap Overflow (<u>CVE-2025-30216</u>) [<u>Report</u>]

Bandiview

- JXR File Parser Denial of Service (CVE-2024-45870)
- PSD File Parser Denial of Service (CVE-2024-45871)
- PSD File Parser Stack Buffer Overflow (CVE-2024-45872)

Others

- hauri virobot DLL Hijacking (KVE-2024-0395)
- sga viruschaser DLL Hijacking (KVE-2024-0410)
- PDFio TTF parser Denial of Service (CVE-2024-42358) [Report]

Web

Wordpress Plugin

- wpView Plugins Stored XSS (CVE-2023-33213)
- Simple File List Plugin Stored XSS (CVE-2023-39924)
- Fast Custom Social Share by CodeBard Plugin Stored XSS (CVE-2023-48329)
- <u>Icons Font Loader Plugins</u> Arbitrary File Upload (<u>CVE-2024-24714</u>)

AWARD CTF (Capture The Flag)

 10th, LakeCTF Quals 24-25 (with CyKor) 	2024
 50th, SECCON CTF 13 Quals (with CyKor) 	2024
Finalist, CODEGATE Junior	2023
Finalist, White Hat Contests Junior	2023
Finalist, WACON Junior	2023
 Finalist, CCE (Cyber Conflict Exercise) Junior 	2023
 1st, Chungcheong Youth Hacking Defense Competition 	2022
 Finalist, CCE (Cyber Conflict Exercise) Junior 	2022
 4th, KOSPO Service Security Competition (Youth Division) 	2022
Development & Algorithms	
3rd, e-ICON World Contest	2022
1st, Cyber Security Hackathon	2024
, ,	
2nd, Korea Code Fair Hackathon	2022
,	2022
2nd, Korea Code Fair Hackathon	2022
2nd, Korea Code Fair Hackathon Artificial Intelligence	