

TaeHoon Kim

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EDUCATION

- **Korea University** Seoul, South Korea
Department of Cyber Defense - Cyber Defense, Financial Engineering Major; GPA: 4.13/4.50 2020 - Present

HONORS AND AWARDS

- Hacker's Playground 2022 4th place (Team : CyKOR)

EXPERIENCE

- **Undergraduate Intern** Korea University
Supervised by Prof. YongJoo Shin at CSS Lab 2022 Winter
 - **Paper reading:** Reading computer architecture-related papers, Meltdown and Spectre
 - **Code Analysis:** Reviewing PoC and several variations about Meltdown and Spectre
- **BoB - Next-generation security leader training program** KITRI
Recommendation Letter by Prof. JongIn Lim at Korea University 2022 Fall - 2023 Winter
 - **Major Education:** Theoretical learning, 1-day analysis of the entire security field
 - **team project:** DeFi Hacking: Smart Contract
 - **competition training:**

PROJECTS

- **Spectre study** CyKor
Reading Spectre papers, Reviewing its poc 2023 Winter
- **DeFi Hacking: Smart Contract (Team : SCV)** BoB
Create tools for vulnerability analysis and bug detection, bugbounty in smart contract 2022 Fall - 2023 Winter
- **ptmalloc2 source code vulnerability analysis** CyKor
Analyze the code of ptmalloc2 and understand how it works 2021 Spring
- **Forensics Analysis Approach To NTFS File System** CyKor
Analyze the structure of NTFS and collect paths to system artifacts in Windows 10 2021 Spring

EXTRA CURRICULAR ACTIVITIES

- **CyKor** Korea University
Member of a hacking club named CyKor 2020 - Present
 - **System Hacking (pwnable):** Studied advanced pwnable skills and experienced many challenging wargame problems.
 - **CTF participation:** Participated in various CTFs.
 - **Lecturing & Mentoring experience:** Conducted technical lectures as a mentor.
- **AlKor** Korea University
Member of a algorithm problem solving club named AlKor 2020 - Present
 - **Problem Solving:** Solve various problems like BOJ, Codeforces, etc.
 - **Entering competitions:** Compete in high level competitions like ACM-ICPC

TECHNICAL SKILLS

- **Advanced:** C, C++, Python
- **Experienced:** Assembly(x86, x64, ARM), Solidity, javascript, react

LANGUAGE PROFICIENCY

- **Korean:** Native
- **English:** Studying