

# DongJun, Lee

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## EDUCATION

### KAIST (Korea Advanced Institute of Science and Technology)

Daejeon, South Korea

Master's Program student

February 2025 – present

- School of Electrical Engineering

### Korea University

Seoul, South Korea

Undergraduate Student

March 2021 – February 2025

- Bachelor of Cyber Defense
- GPA: 4.26/4.5 (Graduated first class honor)

### Korea Digital Media High School

Ansan, South Korea

High School, Graduated

March 2018 – February 2021

- Major in Hacking Defense

## EXPERIENCE

### Hacking Lab, KAIST

Daejeon, South Korea

Master Student (Advisor : Professor Insu Yun)

February 2025 – present

- LLM agent for Security

### Hardware Security Lab, Korea University

Seoul, South Korea

Undergraduate Research Student (Advisor : Professor Junghee Lee)

February 2023 – February 2025

- Proof of reserve on BlockChain
- KEPCO Research Institute Vulnerability Analysis

### Digital Forensic Research Center, Korea University

Seoul, South Korea

Intern (Advisor : Professor SangJin Lee)

September 2021 – December 2021

- Key Service Security Diagnostics (NcSoft)

## HONORS & AWARD

### Security Competition | a.k.a CTF

- Finalist, HITCON2024 CTF | Team "ColdFusion" November 2024
- 2th place, FIESTA (Financial Security Threat Analysis Competition) November 2024
- 2th place, KOSPO CTF (Information Security Competition) November 2024
- Minister's Award, 2024 Cyber penetration training August 2024
- Finalist, DEFCON32 CTF | Team "ColdFusion" August 2024
- 3th place, SSTF CTF | Team "Cy + kr" August 2023
- 2nd place, ZEROPTS CTF 2023 | Team "CyKOR" March 2023
- Special Award, Hacktheon 2023 | Team "CorKy" May 2023
- 4th place, SSTF CTF | Team "Cykor" August 2022
- 3rd place, ZEROPTS CTF 2022 | Team "CyKor" March 2022
- 2nd place, The Hacking Championship Junior 2020 | Team "png" November 2020
- 3rd place, 2019 Holy Shield CTF | Team "USHG" December 2019

- 2<sup>nd</sup> place, Information Security Competition CTF October 2019
- 2<sup>nd</sup> place, Cyber Guardians League | Team "TruStealth" November 2018
- 1<sup>st</sup> place, DIS CTF 2018 | Team "TRUST" July 2018
- 1<sup>st</sup> place, 17th Hacking Camp CTF | Team "7star cider" February 2018

#### Development Competition | a.k.a Hackathon

- Finalist, WoorriCon | Team "CyKor" September 2022
- 3<sup>rd</sup> place, Yongin Upcycling makerthon 2021 November 2021
- 3<sup>rd</sup> place, DevKor Hackathon September 2021
- Finalist, Software Development Security Competition | Team "장교입관까지 4 년" August 2021
- 1<sup>st</sup> place, Gyeonggi-do Information Security Hackathon | Team "Trust" July 2019
- 2<sup>nd</sup> place, Art Hackathon : Art center customer service | Team "Umbrella" July 2019
- 3<sup>rd</sup> place, Digital Health Hackathon | Team "Umbrella" October 2018
- 3<sup>rd</sup> place, Korea Information Olympiad Competition September 2018

#### PUBLICATION

- Beomjoon Kim, **Dongjun Lee**, Junghee Lee, and Wonjun Lee, "Snapshot Cherry-Picking Attack in CEX Proof of Reserves and Its Mitigation," to appear in IEEE Access
- Yun-Je Shin, **Dongjun Lee**, I-Sac Seo, Byeoung-Chan Chi, Jeong-Min Oh, Seoung-Jae Hwang, Jin-Myeong Park, Joo-Bon Cho, Si-Hyeong Jeong, CISW-W 2023, "Hardware security vulnerabilities in small IoT trackers: APProtect bypass and fault injection"

#### EXTRACURRICULAR ACTIVITIES

**SoftWare Maestro @MSIT** Seoul, South Korea  
 15th. Trainee April 2024 – December 2024

**Best of The Best @KITRI** Seoul, South Korea  
 12th. Vulnerability Analysis Track Trainee / Best 10 July 2023 – March 2024

- **Project Manager** : "Smart tracker vulnerability analysis" / CVE-2024-34596, SVE-2023-1967, SVE-2023-2192, SVE-2023-2244

**CyKor @Korea Univ** Seoul, South Korea  
 Member of Security Research and hacking Group March 2022 – February 2025

- **System Hacking(pwnable)**: Studied advanced pwnable skills and experienced many challenging wargame problems.
- **Web Hacking** : Studied advanced web hacking skills and advisor in freshman seminar
- **CTF participation**: Participated in various CTFs

**42-Seoul @Innovation Academy** Seoul, South Korea  
 6<sup>th</sup> year of Cadet March 2022 – March 2023

- **Course work**: minishell (development bash shell) , Born2beroot (control Linux server), NetPractive (Working with network equipment), etc..
- **Studying** : Leader of BlockChain Security Study Club

**Cyber Guardians Education Program @KITRI** Seoul, South Korea  
 4<sup>th</sup> year of Student in Education April 2019 – December 2019

- **Course work**: Operation System, Programming, Computer Science, Term Project Etc..

**Information Security Gifted Education @SWU** Seoul, South Korea

6<sup>th</sup> year of Student, class High-professional-A

March 2019 – January 2020

- **Course work:** (Advanced technique) System Security, Network Security, Reversing, etc..
- Graduated with honor

4<sup>th</sup> year of Student, class Middle-Advanced

March 2017 – January 2018

- **Course work:** (Basic) Network Security, Internet Ethics, System Security, Cryptography, etc..

**Korea Computer Congress Paper Judge @KIISE**

Seoul, South Korea

KCC 2023 Poster Paper Judge (Field : AI)

May 2023

## TALKS & SPEECH

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**Codegate Conference @codegate.org**

Seoul, South Korea

Codegate 2024 : “Smart Tracker 0-day Research”

Aug 2024

**Hacking Camp @Poc Security**

Seoul, South Korea

29<sup>th</sup> hacking camp : “Studing security while traveling abroad”

Aug 2024

27<sup>th</sup> hacking camp : “Can you steal my Keyboard?(DLL Injection)”

Aug 2023

**Cykor Seminar @Korea Univ**

Seoul, South Korea

2024 summer seminar : “Smart Tracker 0-day Research”

Aug 2024

2023 summer seminar : “make low level shell & find vuln”

Aug 2023

## CERTIFICATE

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- Information Device Operation Technician July 2020
- IEQ Internet Ethics Qualification Instructor July 2019
- Linux Master Level 2 September 2018
- Network Manager Level 2 March 2018
- IEQ Internet Ethics Qualification level 2 July 2017
- Information Processing Technician August 2016

## TECHNICAL SKILLS

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**Programing Languages:** C, C++, Python, Java, Android, etc..

**Language:** Korean (Native), English(Intermediate)

**Etc:** Git, Arduino, BlockChain, etc..