

Jihwan Moon

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Research Interests

System security, cellular network security, and vulnerability research.

Education

Hanyang University ERICA B.S. in Computer Science GPA: 4.42 (1/162)	Mar 2023 – Feb 2026 (Expected)
Academic Credit Bank System B.E. in Computer Engineering GPA: 4.17	Dec 2021 – Feb 2023

Work Experience

System Security Lab (SysSec), KAIST , Daejeon, South Korea Research Intern – Set up and performed basic experiments in autonomous driving and LTE cellular security – Tested remote control of a quadraped robot and reviewed security research papers	Jul 2025 – Aug 2025
Logistics Command, Republic of Korea Air Force , Daegu, South Korea Technical Sergeant – Developed and maintained web and IoT applications as a full-stack developer – Designed relational databases and performed vulnerability assessments with mitigation strategies	Oct 2019 – Oct 2023

Activities

Student Mentor – 2024 SW Together Hackathon	Nov 23 – 24, 2024
Algorithm Club “O&I” – Hanyang University	Mar 2024 – Dec 2024

Honors & Awards

Awards	
1st Place – 23rd TOPCIT (University Division), Minister of Science and ICT Award	Nov 2025 (to be awarded)
1st Place at Hanyang University – 22nd TOPCIT (University Division)	Dec 2024
1st Place – University Hackathon	Dec 2024
1st Place – 21st TOPCIT (University Division), Minister of Science and ICT Award	Jul 2024
2nd Place – 19th TOPCIT (Air Force Division)	Jul 2023
1st Place – 18th TOPCIT (Air Force Division)	Dec 2022
3rd Place – 44th Air Force ICT Competition (CTF)	Oct 2022

Certificates & Qualifications

Certificates	
OffSec Exploit Developer (OSED)	Feb 2025
SQL Developer	Jul 2023
Engineer Information Security	May 2023
Engineer Computer System Application	Jun 2022
Engineer Information Processing	Jun 2021
Qualifications	
TOPCIT 875 (Level 5)	May 2025
TOEIC 985	Feb 2025