Jihwan Moon

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Web: https://up2moon.github.io

Research Interests

System security, software security, binary analysis, and vulnerability research.

Education

Hanyang University ERICA   Mar 2023 – Feb 2026 (Expected)
  B.S. in Computer Science
  GPA: 4.42 (1/162)

Academic Credit Bank System   Dec 2021 – Feb 2023
  B.E. in Computer Engineering
  GPA: 4.17

Work Experience

Logistics Command, Republic of Korea Air Force, South Korea   Oct 2019 – Oct 2023
  Non-Commissioned Officer, Cyber & Information Systems Operations
  – Developed web and IoT applications
  – Conducted vulnerability assessments
  – Implemented remediation measures

Activities

Student Mentor – 2024 SW Together Hackathon   Nov 23 – 24, 2024
Algorithm Club "0&1" – 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 – Intra-University Alliance Hackathon   Dec 2024
1st Place – 21st TOPCIT (University Division), Minister of Science and ICT Award   Jul 2024
Outstanding Staff Award – Air Force Logistics Command   Aug 2023
2nd Place – 19th TOPCIT (Air Force Division)   Jul 2023
Outstanding Learner Award – Academic Credit Bank System   Feb 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