

Giuk Kwon

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Research Interests

- Binary Reversing
- Attack Surface Reduction
- Moving Target Defense

Educations

- **Inha University**, Incheon, South Korea
 - B.Sc. in Information and Communication Engineering Feb 2025
- **Wooshin High School**, Seoul, South Korea
 - High School Diploma Feb 2019

Experiences

- **Undergraduate Researcher**
Cryptology Lab, Inha University Jun 2024 - Feb 2025
Advisor: [Yongwoo Lee](#)
Area of Study: Homomorphic Encryption
 - Participated in weekly lab meetings and conducted paper reviews [\[URL\]](#)
 - Served as Teaching Assistant for Data Structure and Information Security courses during the Fall 2024 semester
 - Managed the laboratory's website and server, including user authentication and access control
- **Korean Augmentation To the U.S. Army (KATUSA)**
Eighth Army, Camp Humphreys Jun 2021 - Dec 2022
 - Served as Unit Supply Clerk and Building Manager
 - Elected as the Senior KATUSA via electronic voting, in charge of administrative and personnel management for approximately 60 KATUSAs.

Publications

- [Messenger for Filtering Sexual Crime Content Using Homomorphic Encryption and Blockchain](#), Giuk Kwon, Jaewon Kim, Yejin Lee, and Yongwoo Lee, Undergraduate Thesis, Inha University, Jan 2025

Honors & Awards

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| • Academic Scholarship , Inha University | Feb 2024 |
| • Commendation by the Chairman , Michuhol-gu Council | Jun 2021 |
| • Super Challenge Software Hackathon Grand Prize , Inha University | Feb 2021 |
| • Alumni Scholarship , Wooshin High School Alumni Association | Feb 2019 |

Licenses & Certifications

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| • Service Talent Certification , Inha University | Feb 2025 |
| • Computer Specialist in Spreadsheet & Database Level 2 , KCCI | Nov 2023 |
| • Server Development Track Certification , Rising Camp | Feb 2023 |