CV(English)

CHOI JUN HYEOK

Student in Korea University

About Me

I am an engineer who wants to solve fundamental problems in the world and improve people's life through technology. Interested in various fields of Computer Science and Applied Math including AI, Robotics, and Cybersecurity, I hope to stand in the frontline of technological innovation

Education

Korea University, Seoul   Mar 2022 ~ Present

B.S. in Cyber Defense

- GPA 4.10/4.5
- Full-funded Scholarship, 2022 ~ 2026
- ▼ Club
    - ▼ Alkor(Algorithm Problem Solving Club)
        - Vice President in 2024
        - Seminar Instructor
        - Admin of KCPC(Korea Univ. Collegiate Programming Competition)
    - MatKor(Math Club)
    - LECA(Language Exchange Communication Association)
    - ▼ FC 싸축(Football Club)
        - Captain in 2023

- TIGRIS(Amateur Ice Hockey Club)

Hana Academy Seoul   Mar 2019 ~ Feb
                                                          2022

Graduated

▼ Club:

- Serendipity(Engineering Club)

▼ Lambda(Programming Club)

- Vice President in 2020

- 하나 FC(Football Club)

Extra Academic Activity

FHE School(Homomorphic Encryption Research Program**)**,   Apr 2024 ~ Jun
Seoul National University x CRYPTOLAB   2024

Participant

studied CKKS scheme and its hardware acceleration, especially ASIC(Application-
Specific Integrated Circuit) design

Qiskit Fall Fest(Quantum Computing workshops and   Nov 2023
challenges**)**, IBM

Participant

International Olympiad in Informatics(IOI) Summer   Jul 2019 ~ Aug
School, Korean Institute of Information Scientists and   2019
Engineers

Trainee

Work Experience

Software Engineer (Intern)   July 2024 ~
Hyundai MOBIS, Seoul   Present

- Electronic Devices BU | Next Generation Platform Team (NGP)
- ▼ AUTOSAR SOME/IP Middleware Development
    - Analyzed SOME/IP Service Discovery(SOME/IP-SD) Protocol
    - Structural Analysis and Performance Measurement on SOME/IP-SD Service
    - Refactored SOME/IP-SD daemon

Licenses & Certifications

- **Craftsman Information Processing**, HRD Korea

Honors & Awards

Scholarship

2024 **Presidential Science Scholarship**, Ministry of Science and ICT

Competition

2024   **ICPC Asia Pacific Championship 31th Place - Team SIGSEGV**, ICPC Foundation

2023   **Cryptoanalysis Contest Grand Prize from Minister of National Defense - Team 암호르파티**, Ministry of National Defense

2023   **ICPC Seoul Regional Contest 18th place - Team SIGSEGV**, ICPC Foundation

2023   **UCPC 23th place & Special Prize from Hyundai MOBIS - Team SIGSEGV**, Union of Collegiate Programming Contest Clubs

2019   **Youth Engineering Leader Self-Driving Car Competition Excellence Prize** - Team LIMITLESS, Hyundai MOBIS

2018   **Korea Olympiad in Informatics(KOI) Final Contest Encouragement Prize**, Korean Institute of Information Scientists and Engineers

2018 **Korea Olympiad in Informatics(KOI) Regional Contest Silver Prize**, Seoul Metropolitan Office of Education

Languages

Korean: Native Proficiency

English: Professional Working Proficiency

Contact

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