

Joohun Hyun

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Education

Korea University

Mar 2020 – Mar 2026(*expected*)

Bachelor of Science in Computer Science and Engineering

Experience

Military Interpreter

Korea Defense Intelligence Command (KDIC)

Sept 2021 – Mar 2023

- Primary duty : Translated foreign news articles from English to Korean.
- Auxiliary duty : Drafted thesis-type reports on Chinese and Russian satellite development.
- Served as a military interpreter at the ROK-US Combined Forces Command Control Center(Aug 2022).

2022 Softwave - Interpreter

COEX Seoul

Dec 2022

- Represented Singapore-based startup accelerator, Origami Frontiers.
- Conference interpreter for Dr. James Kay Liang Ong.

KWEB - Regular Member

Korea University

Sept 2023 – present

- Developed and maintained backend systems

Grace International Academy - Main Instructor

GIA Microlab

Aug 2024 – Sept 2024

- Designed and taught coding courses for students, covering basic algorithms.

Computational Linguistics Lab - Undergraduate Intern

Seoul National University

Dec 2024 -

- Researched and analyzed agentic workflows utilizing LangChain and LangGraph frameworks.
- Implemented agentic workflows for DAG AI.

Language Skills

Test of Language Proficiency

- TOEFL : 113/120 (Sept 2024)
- TOEIC : 990/990 (May 2021)

Projects

Mung-Mung

- Developed backend functionality for Mung-Mung, a dog-walking service platform.
- Enhanced functionality with test-driven development and integrated new features.

Agentic AI for DAG

- Engineered an agentic AI chatbot powered by LangChain and LangGraph, implementing subquery splitting and parallel execution to enhance response efficiency, scalability, and accuracy.

Technologies

Languages: Python, Java, C

Tools/Frameworks: git, LangChain, LangGraph, Spring Boot