

# WONJUN, OH

Seoul, Republic of Korea · owj0421@naver.com

## EDUCATION

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### Korea University

B.S. in Computer Science; GPA: 4.43/4.5; Major GPA: 4.5/4.5

Seoul, Korea

*Feb. 2019 – Feb. 2026*

## PUBLICATIONS

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- [1] **ReSCORE: Label-free Iterative Retriever Training for Multi-hop Question Answering with Relevance Consistency Supervision**

Dosung Lee\*, Wonjun Oh\*, Boyoung Kim, Minyoung Kim, Joonsuk Park†, Paul Hongsuck Seo†

**ACL 2025 Main** [\[Paper\]](#) [\[GitHub\]](#)

## WORK EXPERIENCE

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### Samsung Fire & Marine Insurance Team, GenON

Seoul, Korea

AI Engineer Intern

*Dec. 2024. - Feb. 2025.*

- Developed a task-oriented dialogue (ToD) agent for insurance claim compensability assessments. Transformed the real-world insurance evaluation process into a modular pipeline, optimizing prompts for each decision step. (OpenAI API, FastAPI)
- Developed an insurance decision guideline recommendation system, meeting client-specific requirements. Delivered end-to-end implementation, from ML pipeline to backend, culminating in a production-ready service deployed on an intranet. (ElasticSearch, OpenAI API, Weaviate, Docker, FastAPI)

### DX Lab, LS Electric

Seoul, Korea

AI Engineer Intern

*Jun. 2024. - Aug. 2024.*

- Developed a RAG-based customer support chatbot, improving product QA accuracy by over 15%. Enhanced a large language model (LLM) using in-context learning techniques such as Chain-of-Thought and meta-prompting. (LangChain, LangGraph, OpenAI API, Flask)
- Developed a tailored search system for product documentation, encompassing the entire pipeline data preprocessing(OCR, Filtering) to the development of the search system. (RapidFuzz, HuggingFace, OpenAI API, Flask)

## RESEARCH EXPERIENCE

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### COCO Lab, KAIST

Undergraduate Research Assistant

Advised by Prof. Hyunwoo Kim

Dec. 2025 – Now

- Research topic: RL for LLM, Reasoning, Social behavior of AI

### MIIL, Korea University

Undergraduate Research Assistant

Advised by Prof. Paul Hongsuck Seo

Mar. 2024 – Oct. 2024

- Research topic: Information Retrieval, Retrieval Augmented Generation

## ADVISING & MENTORING

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### Student Lecturer

Learning Strategies of Top Students at Korea University, 2023

Taught learning methodologies to fellow students as the representative student of the College of Informatics, Korea University.

## AWARDS & ACHIEVEMENTS

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### Gold Prize(₩2,000,000)

Korea University, 2025

Korea University Software Contest; Collaborated with 3 team members to build a real-time LLM-based dating advisor.

### Honourable Mention(₩300,000)

Ministry of Science and ICT, 2024

National Excellence in SW Digital Competition; Collaborated with 2 team members to train a fake audio classifier.

### NIA Director's Award(₩3,000,000)

Ministry of Science and ICT, 2024

Korean AI Contest; Collaborated with 4 team members to train a AST model for dialects, elderly, and children.

### IPESK Next-generation Engineers

Institute for Promotion of Engineering and Science of Korea, 2025

### President's Honor List

Korea University, Fall. 2023, Spring. 2024

### Dean's Honor List

Korea University, Spring. 2023, Spring. 2025

## EXTRACURRICULAR ACTIVITIES

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### Club President

AIKU(Korea University AI Club), Jun.2023 - Dec.2023

- Led the organization and strategy of the club, receiving positive feedback for systematizing activities, including study groups, seminars, and data competitions.
- Improved networking opportunities by hosting study sessions, inviting guest speakers, and organizing the Hanyang-Yonsei-Korea University AI Conference (HAYAKU).

## SKILLS

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**Programming** C lang, Python

**Framework** PyTorch, Transformers, DeepSpeed, Accelerate, BitsandBytes, Scikit-learn, FAISS, ChromaDB, Weaviate, LangChain, Docker, FastAPI

**Languages** Korean(Native), English

## **RELEVANT COURSEWORK**

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**Computer Science** Computer Programming I(C lang), Computer Programming II(Python), Data Structure, Discrete Mathematics, Algorithms, Computer Architecture, Operating System, Database, Logic Design, Computer Network

**Data Science** Artificial Intelligence, Deep Learning, AI Ethics, Natural Language Processing, Data Science, Data Experiment Design and Analysis

**Mathematics** Linear Algebra, Probability and Statistics, Probability and Random Processes, Calculus I, Advanced Engineering Mathematics, Introduction to Convex Optimization

## **QUALIFICATIONS**

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**SQL Developer** Korea Data Agency