

YOUNGHUN JEONG

hoon2j@gmail.com / (+82)10-8520-8840

CORE EXPERTISE

AI Research Engineer specializing in large language models and production-oriented conversational AI, with experience in retrieval-augmented generation, structured query planning, multi-hop question answering, and responsible NLP. Focused on building grounded, reliable agentic systems for search and commerce.

WORK EXPERIENCE

AI Research Engineer

Dec. 2022 – Present

NAVER Search

Seongnam, Korea

- Research and develop LLM-powered conversational systems for search, with an emphasis on retrieval-augmented generation, query planning, response grounding, and production quality.
- Contributed to the launches of [Cue](#), [AI Briefing](#), and [Shopping Agent](#), delivering conversational and agentic AI experiences across search and commerce.
- Co-developed [Tree-of-Question](#), a structured retrieval framework for complex Korean question answering, published at the NAACL 2024 Industry Track.

Research Associate

Feb. 2022 – Sep. 2022

KAIST, Users & Information Lab

Daejeon, Korea

- Researched fairness and responsible NLP with Prof. Alice Oh, focusing on culturally and linguistically grounded offensive-language modeling.
- Led the construction of KOLD, a dataset of 40,429 Korean comments with hierarchical labels, target annotations, context, and offensive spans; released the data and baseline models publicly.

Research Associate

Sep. 2021 – Dec. 2021

Sogang University, Natural Language Processing Lab

Seoul, Korea

- Contributed to KLUE, a Korean language understanding benchmark spanning eight NLU tasks, including dependency parsing, data collection, ethical review, and language-model training.

EDUCATION

Sogang University

Aug. 2019 – Aug. 2021

M.S. in Computer Science and Engineering; advised by Prof. Jungyun Seo

Seoul, Korea

Sogang University

Feb. 2013 – Aug. 2019

B.A. in Chinese Culture; B.S. in Computer Science and Engineering

Seoul, Korea

- One-year exchange at Tsinghua University, Beijing, China; two-year leave of absence for military service.

SELECTED PUBLICATIONS

Tree-of-Question: Structured Retrieval Framework for Korean Question Answering Systems.

Dongyub Lee, **Younghun Jeong**, Hwa-Yeon Kim, et al. *NAACL 2024 Industry Track*, pp. 406–418. [\[paper\]](#)

KOLD: Korean Offensive Language Dataset.

Younghun Jeong, Juhyun Oh, Jongwon Lee, Jaimeen Ahn, Jihyung Moon, Sungjoon Park, and Alice Oh. *EMNLP 2022*, pp. 10818–10833. [\[paper\]](#) [\[data\]](#)

KLUE: Korean Language Understanding Evaluation.

Sungjoon Park, Jihyung Moon, Sungdong Kim, et al., including **Younghun Jeong**. *NeurIPS 2021 Datasets and Benchmarks Track*. [\[paper\]](#) [\[data\]](#)

HONORS AND AWARDS

Winner, Track 4, Ninth Dialog System Technology Challenge (DSTC9)

2020

Winner of \$18,000, NAVER AI RUSH

2020

Grand Prize, NLP Competition, National Institute of Korean Language

2019

TECHNICAL SKILLS

AI / NLP

Large Language Models, Retrieval-Augmented Generation, Agentic AI, Query Planning, Multi-hop QA, Conversational AI, Responsible AI

Programming

Python, C/C++, Java, Bash

ML / Data

PyTorch, Hugging Face Transformers, Scikit-learn, NumPy, Pandas

Engineering

Git, Docker, Jupyter, TensorBoard, Scrapy, BeautifulSoup

Languages

Korean (native), English (fluent; TOEFL iBT 106), Chinese (advanced; HSK Level 6)