

Jeewoo Sul

AI Research Engineer at LG Electronics

📍 Seoul, Korea

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EDUCATION

Hanyang University

M.S. in Computer Science

Advisor: [Yong Suk Choi](#)

GPA 4.3 / 4.5

Seoul, Korea

Mar. 2022 – Feb. 2024

Kwangwoon University

B.S. in Computer Science

GPA 4.11 / 4.5

Seoul, Korea

Mar. 2017 – Feb. 2022

WORK EXPERIENCE

LG Electronics, AI Lab

AI Research Engineer

Seoul, Korea

Feb. 2024 - present

Project: Development of AI Coding Assistants using Large Language Models

- Implemented and deployed a web application and logging pipelines for LG's global developers, integrated with the proprietary (non-public) internal codebase.
- Designed prompt engineering frameworks (e.g., Reflection Agent) to support advanced software development functionalities.
- Pioneered an "LLM-as-a-Judge" framework for automated code quality assessment and model performance evaluation, optimized for the internal codebase.

PUBLICATIONS

Is Prompt Transfer Always Effective? An Empirical Study of Prompt Transfer for Question Answering

Minji Jung*, Soyeon Park*, **Jeewoo Sul***, Yong Suk Choi (*: Equal Contributions. Alphabetical order)

NAACL 2024 short [\[paper\]](#) [\[code\]](#)

Balancing Lexical and Semantic Quality in Abstractive Summarization

Jeewoo Sul and Yong Suk Choi

ACL 2023 short [\[paper\]](#) [\[code\]](#)

RESEARCH EXPERIENCE

Hanyang University, AI Lab

Research Assistant

Seoul, Korea

Dec. 2021 – Jan. 2024

Built a data preprocessing pipeline for pre-training large-scale AI model of KT AI One Team*.

(KT AI One Team*: A national AI cooperative organization of 12 industry-university-research institutes.)

HONORS AND AWARDS

(Scholarship) Brain Korea 21, National Research Foundation of Korea

2022 - 2023

(Scholarship) Academic Excellent Scholarship, Kwangwoon University

Sep. 2017, Mar. 2018,

Mar. 2019, Mar. 2021,

Sep. 2021

(Award) Dean's List, Kwangwoon University

Sep. 2017, Apr. 2021

SKILLS

Programming Languages	Python (advanced) Java, SQL, Shell (intermediate) JS/TS, C/C++ (basic)
Frameworks & Technologies	(Frontend) Streamlit, FastAPI (Agentic Observability) LangFuse (Agent Orchestration) LangGraph (Database) PostgreSQL (Infrastructure) Docker (Model Training/Serving) PyTorch, vLLM (Data Visualization) Pandas, Matplotlib, Seaborn
Languages	Korean (native); English (advanced)

Last update: Sep 15, 2025