Jeewoo Sul

Research Engineer at LG Electronics
jeewoo1025@gmail.com ◆ jeewoo1025.github.io

EDUCATION

Hanyang University	Seoul, Korea
M.S. in Computer Science	Mar. 2022 – Feb. 2024
Advisor: Yong Suk Choi	

Kwangwoon University	Seoul, Korea
B.S. in Computer Science	Mar. 2017 – Feb. 2022
GPA 4.11 / 4.5	

RESEARCH INTERESTS

Natural Language Processing, Machine Learning

WORK EXPERIENCE

LG Electronics, AI Lab	Seoul, Korea
Research Engineer	Feb. 2024 - present

- **Development of an AI Coding Assistant using Large Language Models**
    - Building a log pipeline for data collection and service monitoring in our VSCode Plugin service
    - Developed and deployed a web-based chat application that provides answers to user queries via code LLMs

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	Seoul, Korea
Student Researcher	Dec. 2021 – Jan. 2024

We built a data preprocessing pipeline for pre-training large-scale AI model of KT AI One Team*. I worked on document deduplication using LSH. (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	Python (Advanced), Java (Basic), C (Basic)
Training	PyTorch, TRL, scikit-learn, Pandas, NumPy
Web	Streamlit, FastAPI
Cloud & **Platforms**	Docker, AWS (SageMaker, EC2)
Logging	Langfuse, wandb
Databases	PostgresSQL, SQL

Last update: January 12, 2025