

Email: dg.lee@postech.ac.kr Homepage: <https://donggeon.github.io> Google Scholar: [/DongGeon Lee](#)

RESEARCH INTEREST	Data-centric natural language processing. Aligning large language models (LLMs) to build robust & trustworthy AI.	
EDUCATION	M.S. student in Artificial Intelligence <i>Pohang University of Science and Technology (POSTECH)</i>	Feb 2024 - Present <i>Pohang, South Korea</i>
	B.S. in Information and Communication Engineering <i>Inha University</i>	Mar 2018 - Feb 2024 <i>Incheon, South Korea</i>
RESEARCH EXPERIENCES	Graduate Research Assistant <i>Data Intelligence Lab, POSTECH (Advisor: Prof. Hwanjo Yu)</i>	Feb 2024 - Present <i>Pohang, South Korea</i>
	<ul style="list-style-type: none">• Research on the alignment of vision language models (VLMs) with human intent in a multi-turn environment to build safe and trustworthy AI.• Research on data-centric approaches to improving the mathematical reasoning skills of low-resource LLMs.• Research on knowledge conflicts of LLMs between external and internal knowledge.• Research on continual domain-incremental learning in language models (LMs).	
	Research Intern <i>KT Corporation</i>	Jan 2025 - Feb 2025 <i>Seoul, South Korea</i>
	<ul style="list-style-type: none">• Research on mathematical data synthesis for pre-training LLMs.	
	Undergraduate Research Assistant <i>Data Intelligence Lab, Inha University (Advisor: Prof. Wonik Choi)</i>	Nov 2022 - Nov 2023 <i>Incheon, South Korea</i>
PUBLICATIONS	International Publications	
	<p>[9] REFIND at SemEval-2025 Task 3: Retrieval-Augmented Factuality Hallucination Detection in Large Language Models <u>DongGeon Lee</u>, Hwanjo Yu SemEval @ ACL'25 The 19th International Workshop on Semantic Evaluation (Co-located with the 63rd Annual Meeting of the Association for Computational Linguistics)</p>	
	<p>[8] Typed-RAG: Type-aware Multi-Aspect Decomposition for Non-Factoid Question Answering <u>DongGeon Lee*</u>, Ahjeong Park*, Hyeri Lee, Hyeonseo Nam, Yunho Maeng NAACL'25 SRW Annual Conference of the Nations of the Americas Chapter of the Association for Computational Linguistics: Student Research Workshop</p>	
	<p>[7] Enhancing Adverse Event Reporting With Clinical Language Models: Inpatient Falls Insook Cho, Hyunchul Park, Byeong Sun Park, <u>DongGeon Lee</u> Journal of Advanced Nursing (SCIE; Q1), 2025.02</p>	
	<p>[6] Theme-Explanation Structure for Table Summarization using Large Language Models: A Case Study on Korean Tabular Data</p>	

TaeYoon Kwack*, Jisoo Kim*, Ki Yong Jung, DongGeon Lee, Heesun Park
[arXiv Preprint](#), 2025.01

- [5] Effects of Language Differences on Inpatient Fall Detection Using Deep Learning
 Insook Cho, EunJu Lee, DongGeon Lee
[MedInfo'23](#) | World Congress on Medical and Health Informatics
- [4] Bridging the Reporting Gap of Inpatient Falls to Improve Safety Practices Using Deep-Learning-Based Language Models and Multisite Data
DongGeon Lee, EunJu Lee, Insook Cho
[AMIA CIC'23](#) | AMIA Clinical Informatics Conference

Domestic Publications (written in Korean)

- [3] Question Types Matter: An Analysis of Question-Answering Performance in Retrieval-Augmented Generation Across Diverse Question Types
DongGeon Lee*, Ahjeong Park*, Hyeri Lee, Hyeonseo Nam, Yunho Maeng
[HCLT'24](#) | Annual Conference on Human & Cognitive Language Technology
- [2] Tabular-TX: Theme-Explanation Structure-based Table Summarization via In-Context Learning ([Excellent Paper Award](#))
 TaeYoon Kwack*, Jisoo Kim*, Ki Yong Jung, DongGeon Lee, Heesun Park
[HCLT'24](#) | Annual Conference on Human & Cognitive Language Technology
- [1] Through deep learning-based video processing, Design and implementation of Smart Port Parking Information System
 Changhun Koo*, Yoonjoo Jung*, DongGeon Lee*
[ACK'21](#) | Annual Conference of Korea Information Processing Society

HONORS AND AWARDS

NAACL 2025 Registration Grant	2025
NAACL 2025 SRW (<i>Student Research Workshop</i>)	
Gold Prize (Director's Award of the NIKL)	2024
Korean AI Language Proficiency Challenge, NIKL (<i>National Institute of Korean Language</i>)	
Excellent Paper Award	2024
HCLT 2024 (<i>The 36th Annual Conference on Human & Cognitive Language Technology</i>)	
Scholarship for Outstanding Graduate Students	2024
POSTECH	
Top Engineering Student Award	2024
Inha University	
Research Scholarship for Undergraduate Researchers	2023
Inha University	

ACADEMIC SERVICES

Secondary Reviewer of ACL ARR (Association for Computational Linguistics Rolling Review)	2025
Reviewer of SemEval (International Workshop on Semantic Evaluation)	2025

TECHNICAL SKILLS

Professional working proficiency
Python, PyTorch, transformers, Git
Limited working proficiency
Shell Script, vLLM, Keras, \LaTeX
Elementary proficiency
DeepSpeed, TensorFlow, C++, C, MySQL