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RESEARCH INTEREST	Data-centric natural language processing. Aligning Large Language Models (LLMs) to build 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] Typed-RAG: Type-aware Multi-Aspect Decomposition for Non-Factoid Question Answering <u>DongGeon Lee*</u>, Ahjeong Park*, Hyeri Lee, Hyeonsoo 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>[8] REFIND: Retrieval-Augmented Factuality Hallucination Detection in Large Language Models <u>DongGeon Lee</u>, Hwanjo Yu arXiv Preprint, 2025.02</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 TaeYoon Kwack*, Jisoo Kim*, Ki Yong Jung, <u>DongGeon Lee</u>, Heesun Park arXiv Preprint, 2025.01</p>	

- [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

Gold Prize (Director's Award of the NIKL)	2024
<i>Korean AI Language Proficiency Challenge, NIKL (National Institute of Korean Language)</i>	
Excellent Paper Award	2024
<i>HCLT'24; The 36th Annual Conference on Human & Cognitive Language Technology</i>	
Scholarship for Outstanding Graduate Students	2024
<i>POSTECH</i>	
Top Engineering Student Award	2024
<i>Inha University</i>	
Research Scholarship for Undergraduate Researchers	2023
<i>Inha University</i>	

ACADEMIC SERVICES

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