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**RESEARCH INTERESTS**    Data-centric natural language processing.  
Safety oversight of language models (Safety evaluations, Red teaming, Guardrails).

**EDUCATION**    **M.S. student in Artificial Intelligence**    Feb 2024 - Present  
*Pohang University of Science and Technology (POSTECH)*    *Pohang, South Korea*  
**B.S. in Information and Communication Engineering**    Mar 2018 - Feb 2024  
*Inha University*    *Incheon, South Korea*

**RESEARCH EXPERIENCES**    **Graduate Research Assistant**    Feb 2024 - Present  
*Data Intelligence Lab, POSTECH (Advisor: Prof. Hwanjo Yu)*    *Pohang, South Korea*  
• Research on a VLM safety benchmark and evaluation methodologies.  
• Research on knowledge conflicts of LLMs between external and internal knowledge.  
**Research Intern**    Jan 2025 - Feb 2025  
*KT Corporation*    *Seoul, South Korea*  
• Research on mathematical data synthesis for pre-training LLMs.  
**Undergraduate Research Assistant**    Nov 2022 - Nov 2023  
*Data Intelligence Lab, Inha University (Advisor: Prof. Wonik Choi)*    *Incheon, South Korea*  
• Research on post-training of LMs for domain adaptation.  
• Research on keyphrase extraction from aviation incident reports via fine-tuning LMs.  
**Undergraduate Research Assistant**    Jul 2021 - Jun 2023  
*Nursing Informatics Lab, Inha University (Advisor: Prof. Insook Cho)*    *Incheon, South Korea*  
• Research on detecting fall events in clinical notes via fine-tuning LMs.

**PUBLICATIONS**    **International Publications**  
[11] Are Vision-Language Models Safe in the Wild? A Meme-Based Benchmark Study  
DongGeon Lee\*, Joonwon Jang\*, Jihae Jeong, Hwanjo Yu  
[arXiv Preprint](#), 2025.05  
[10] Typed-RAG: Type-Aware Decomposition of Non-Factoid Questions for Retrieval-Augmented Generation  
DongGeon Lee\*, Ahjeong Park\*, Hyeri Lee, Hyeonseo Nam, Yunho Maeng  
XLLM @ ACL'25 | The First Workshop on Structure-aware Large Language Models (Co-located with the 63rd Annual Meeting of the Association for Computational Linguistics)  
NAACL'25 SRW (Non-Archival) | Annual Conference of the Nations of the Americas Chapter of the Association for Computational Linguistics: Student Research Workshop  
[9] REFINd at SemEval-2025 Task 3: Retrieval-Augmented Factuality Hallucination Detection in Large Language Models  
DongGeon Lee, 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)  
[8] Theme-Explanation Structure for Table Summarization using Large Language Models: A Case Study on Korean Tabular Data  
TaeYoon Kwack\*, Jisoo Kim\*, Ki Yong Jung, DongGeon Lee, Heesun Park  
[TRL @ ACL'25](#) | The 4th Table Representation Learning Workshop (Co-located with the 63rd Annual Meeting of the Association for Computational Linguistics)

- [7] Enhancing Adverse Event Reporting With Clinical Language Models: Inpatient Falls  
Insook Cho, Hyunchul Park, Byeong Sun Park, DongGeon Lee  
[Journal of Advanced Nursing](#) (SCIE; Q1), 2025.02
- [6] 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
- [5] 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*)

- [4] Designing Synthetic Data and Training Strategies for Multi-hop Retrieval-Augmented Generation  
Kyumin Lee, Minjin Jeon, Sanghwan Jang, DongGeon Lee, Hwanjo Yu  
KCC'25 | Korea Computer Congress
- [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
<i>NAACL 2025 SRW (Student Research Workshop)</i>	
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 2024 (The 36th Annual Conference on Human &amp; 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

**TECHNICAL  
SKILLS**

Professional working proficiency

Python, PyTorch, transformers, vLLM, Git

Limited working proficiency

Shell Script, Keras,  $\text{\LaTeX}$

Elementary proficiency

DeepSpeed, TensorFlow, C++, C, MySQL