

Yerin Hwang

PH.D. CANDIDATE · NLP & LLMs

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Summary — Ph.D. candidate at SNU MILAB studying how to evaluate and stress-test Large Language Models. My work examines the robustness of LLM-as-a-Judge and builds more reliable evaluation pipelines. I also explore automated dialogue generation and Korean NLP.

Education

Seoul National University

PH.D. CANDIDATE, INTERDISCIPLINARY PROGRAM IN ARTIFICIAL INTELLIGENCE

Seoul, Republic of Korea

Sep. 2021 – Present

Seoul National University

B.S., DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING (Cum Laude)

Seoul, Republic of Korea

Mar. 2016 – Aug. 2021

Experience

Max Planck Institute for Security and Privacy (MPI-SP)

RESEARCH INTERN

Bochum, Germany

Aug. 2025 – Oct. 2025

LG AI Research

INTERN

Seoul, Republic of Korea

Aug. 2022 – Oct. 2022

Honors & Awards

National Science & Technology Scholarship

SCHOLARSHIP

Republic of Korea

2018-2019

SNU IPAI Support Scholarship (Ph.D.)

SCHOLARSHIP

Republic of Korea

SNU IPAI Support Scholarship (M.S.)

SCHOLARSHIP

Republic of Korea

Winner of Research Paper Competition, SNU IPAI

AWARDS

Seoul, Republic of Korea

Jun. 2025

Winner of Research Paper Competition, SNU IPAI

AWARDS

Seoul, Republic of Korea

Dec. 2024

Winner of Creative Autonomous Research Competition, SNU IPAI

AWARDS

Seoul, Republic of Korea

Dec. 2023

Winner of ETRI Human Understanding Artificial Intelligence Paper Contest

AWARDS

Republic of Korea

Jun. 2023

Publications

Fooling the LVLM Judges: Visual Biases in LVLM-Based Evaluation

Yerin Hwang*, Dongryeol Lee*, Kyungmin Min, Taegwan Kang, Yongil Kim, Kyomin Jung

- Conference on Empirical Methods in Natural Language Processing (**EMNLP 2025**)

Can You Trick the Grader? Adversarial Persuasion of LLM Judges

Yerin Hwang, Dongryeol Lee, Taegwan Kang, Yongil Kim, Kyomin Jung

- Findings of Conference on Empirical Methods in Natural Language Processing (**Findings of EMNLP 2025**)

LLMs can be easily Confused by Instructional Distractions

Yerin Hwang, Yongil Kim, Jahyun Koo, Taegwan Kang, Hyunkyung Bae, Kyomin Jung

- The 63rd Annual Meeting of the Association for Computational Linguistics (**ACL 2025**)

Are LLM-Judges Robust to Expressions of Uncertainty? Investigating the Effect of Epistemic Markers on LLM-based Evaluation

Dongryeol Lee*, **Yerin Hwang***, Yongil Kim, Joonsuk Park, Kyomin Jung

- Annual Conference of the North American Chapter of the Association for Computational Linguistic (**NAACL 2025, Oral Presentation**)

SWITCH: Studying with Teacher for Knowledge Distillation of Large Language Models

Jahyun Koo, **Yerin Hwang**, Yongil Kim, Taegwan Kang, Hyunkyung Bae, Kyomin Jung

- Findings of Annual Conference of the North American Chapter of the Association for Computational Linguistic (**Findings of NAACL 2025**)

MP2D: An Automated Topic Shift Dialogue Generation Framework Leveraging Knowledge Graphs

Yerin Hwang, Yongil Kim, Yunah Jang, Jeessoo Bang, Hyunkyung Bae, Kyomin Jung

- Conference on Empirical Methods in Natural Language Processing (EMNLP 2024)

Kosmic: Korean Text Similarity Metric Reflecting Honorific Distinctions

Yerin Hwang, Yongil Kim, Jeessoo Bang, Hyunkyung Bae, Hwanhee Lee, Kyomin Jung

- The 2024 Joint International Conference on Computational Linguistics, Language Resources and Evaluation (**COLING 2024**)

Dialogizer: Context-aware Conversational-QA Dataset Generation from Textual Sources

Yerin Hwang*, Yongil Kim*, Hyunkyung Bae, Hwanhee Lee, Jeessoo Bang, Kyomin Jung

- Conference on Empirical Methods in Natural Language Processing (**EMNLP 2023**)

PR-MCS: Perturbation Robust Metric for Multilingual Image Captioning

Yongil Kim, **Yerin Hwang**, Hyeongu Yun, Seunghyun Yoon, Trung Bui, Kyomin Jung

- Findings of Conference on Empirical Methods in Natural Language Processing (**Findings of EMNLP 2023**)

Injecting Comparison Skills in Task-Oriented Dialogue Systems for Database Search Results Disambiguation

Yongil Kim*, **Yerin Hwang***, Joongbo Shin, Hyunkyung Bae, Kyomin Jung

- Findings of Association for Computational Linguistic (**Findings of ACL 2023**)

Improving Cross-Modal Attention via Object Detection

Yongil Kim, **Yerin Hwang**, Seunghyun Yoon, Hyeongu Yun, Kyomin Jung

- Workshop of The Thirty-Sixth Annual Conference on Neural Information Processing Systems, (**NeurIPS Workshops 2022**)

INTERNATIONAL JOURNAL

Flowlogue: A Novel Framework for Synthetic Dialogue Generation with Structured Flow from Text Passages

Yongil Kim, **Yerin Hwang**, Hyunkyung Bae, Taegwan Kang, Kyomin Jung

- IEEE Access (2024)

A Study on the Evaluation Consistency of Korean LLM-as-a-Judge Models in Mathematical Problems

Yerin Hwang, Dongryeol Lee, Jiwon Moon, Kyungmin Min, Kyomin Jung

• KCC 2025

Analysis of Stylistic Bias in Korean LLM as a Judge

Yerin Hwang, Dongryeol Lee, Jiwon Moon, Kyungmin Min, Kyomin Jung

• KCC 2025

Evaluating the Robustness of LLM-Judges to Epistemic Markers in Korean

Dongryeol Lee, Yerin Hwang, Jiwon Moon, Kyungmin Min, Kyomin Jung

• KCC 2025

TSDG: A Framework for Generating Natural Topic-Shift Dialogue Data

Yerin Hwang, Dongryeol Lee, Yongil Kim, Kyomin Jung

• KSC 2024

Error-Correction Chain of Thought (ECO CoT): Enhancing Accuracy in Mathematical Reasoning through Error-Correction Framework

Yerin Hwang, Yongil Kim, Dongryeol Lee, Taegwan Kang, Hyunkyoung Bae, Kyomin Jung

• KSC 2024

Reference-Centric QA Evaluation Leveraging Contrastive Decoding

Dongryeol Lee, Kyungmin Min, Yerin Hwang, Joonsuk Park, Kyomin Jung

• KSC 2024

KLIPScore: A Highly Human-Correlated Korean Image Captioning Metric (Oral)

Yongil Kim, Yerin Hwang, Yoonhyung Chae, Seunghyun Yoon, Kyomin Jung

• KCC 2023

Thinking Fast and Slow in Multimodal Emotion Recognition Task

Yerin Hwang, Yongil Kim, Yoonhyung Chae, Kyomin Jung

• KCC 2023

Improving Cross-Modal Attention via Object Detection

Yongil Kim, Hyeongu Yun, Yerin Hwang, Kyomin Jung

• KCC 2022

COVID-19 Severity Prediction using Deep Transfer Learning

Yerin Hwang, Yongil Kim, Kyomin Jung

• KCC 2022