

Jaewoo Ahn

PH.D. CANDIDATE

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Research Interest

I am broadly interested in **large language model (LLM) powered autonomous agents**, including (but not limited to): (1) developing trustworthy, consistent, and personalized LLM agents; (2) integrating multisensory perception into LLMs; (3) equipping LLMs with human-level reasoning and strategic planning capabilities; and (4) securing LLMs to protect intellectual property.

Education

Seoul National University

Ph.D. Candidate in Computer Science and Engineering; GPA: 4.2 / 4.3 (4.0 / 4.0)

Seoul, S.Korea

Mar. 2022 - Feb. 2026 (expected)

- *Advisor*: Gunhee Kim (Vision and Learning Lab)

Seoul National University

M.S. in Computer Science and Engineering; GPA: 4.06 / 4.3 (3.88 / 4.0)

Seoul, S.Korea

Sep. 2019 - Feb. 2022

- *Advisor*: Gunhee Kim (Vision and Learning Lab)
- *Thesis*: Leveraging Image Turn for Self-Supervised Multimodal Representation Learning in Image-Grounded Dialogues
- *Committee*: Sun Kim, Gunhee Kim, and Hyun Oh Song

Korea University

B.S. in Computer Science and Engineering; GPA: 4.15 / 4.5 (3.84 / 4.0)

Seoul, S.Korea

Mar. 2014 - Feb. 2019

Publications

* DENOTES EQUAL CONTRIBUTION

Can LLMs Understand Sense Ambiguity in Figurative Language? Evaluating LLMs' Figurative Word Sense Knowledge

Under Review at EMNLP 2024

Seokwon Song*, Taehyun Lee*, [Jaewoo Ahn](#), Jae Hyuk Sung, Gunhee Kim

TimeChara: Evaluating Point-in-Time Character Hallucination of Role-Playing Large Language Models

ACL 2024 Findings

[Jaewoo Ahn](#), Taehyun Lee, Junyoung Lim, Jin-Hwa Kim, Sangdoon Yun, Hwaran Lee, Gunhee Kim

Who Wrote this Code? Watermarking for Code Generation

ACL 2024

Taehyun Lee*, Seokhee Hong*, [Jaewoo Ahn](#), Ilgee Hong, Hwaran Lee, Sangdoon Yun, Jamin Shin, Gunhee Kim

mRedditSum: A Multimodal Abstractive Summarization Dataset of Reddit Threads with Images

EMNLP 2023

Keighley Overbay, [Jaewoo Ahn](#)*, Fatemeh Pesaran Zadeh*, Joonsuk Park, Gunhee Kim

MPCHAT: Towards Multimodal Persona-Grounded Conversation

ACL 2023

[Jaewoo Ahn](#), Yeda Song, Sangdoon Yun, Gunhee Kim

Sequential Latent Knowledge Selection for Knowledge-Grounded Dialogue

ICLR 2020

Byeongchang Kim, [Jaewoo Ahn](#), Gunhee Kim

Spotlight

Experience

SNU Institute for Industrial Systems Innovation

Seoul, S.Korea

Assistant Researcher

Mar. 2019 - Aug. 2019

- *Advisor*: Gunhee Kim
- Worked on "Sequential Latent Knowledge Selection for Knowledge-Grounded Dialogue" with SKT corporation

Awards

Outstanding TA Award College of Engineering, Seoul National University	2024
TA-RA Scholarship Department of Computer Science and Engineering, Seoul National University	2023
Gold Award, 26th HumanTech Paper Award Samsung Electronics	2020
Tuition Scholarship Office of International Affairs, Seoul National University	2019-2020
1st Place, K-Startup 2017 National Competition Korean Ministry of Education	2017

Academic Service

Conference Reviewer

ACL (2024 -), EMNLP (2024 -), ECCV (2024 -), ACL Rolling Review (2024 -)

Journal Reviewer

IJCV (2023 -), IEEE/ACM Transactions on Audio Speech and Language Processing (2023 -)

Teaching Assistant

Computer Vision (2020, 2023), Graduate Artificial Intelligence (2021, 2022)