

Myungjin Lee

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Research Interest

Multimodal learning, generative ai, machine learning

Education

Ewha Womans University

MS/PhD In Department of Artificial Intelligence
• Supervised by Prof. Jiyoung Lee.

Seoul, S.Korea

Mar. 2026 ~

Ewha Womans University

B.S. In Department of Artificial Intelligence
• GPA : 4.0/4.3

Seoul, S.Korea

Mar. 2024 – Feb. 2026

Hankuk University of Foreign Studies

Undergraduate coursework in Computer Engineering
• Transferred to Ewha Womans University

Yongin, S.Korea

Mar. 2021 – Feb. 2024 ~

Publication

* Indicates equal contribution and underline indicates corresponding author(s)

“What Tokens Matter? Cross-modal Relevance in Reliable Token Compression for Fast OmniLLMs”

Myungjin Lee, Minji Kim, Yeongeun Byeon, Jiyoung Lee

May. 2026

• The Fortieth Annual Conference on Neural Information Processing Systems (**NeurIPS**) (**Under Review**)

“Erasing Your Voice Before It’s Heard : Training-free Speaker Unlearning for Zero-shot Text-to-Speech”

Myungjin Lee* Eunji Shin* Jiyoung Lee

Jan. 2026

• IEEE International Conference on Acoustics, Speech and Signal Processing (**ICASSP**)

“CountSteer : Steering Attention for Object Counting in Diffusion Models”

Hyemin Boo*, Hyoryung Kim*, Myungjin Lee* Seunghyeon Lee* Jiyoung Lee, HangHwan Choi, Hyunsoo Cho

Nov. 2025

• The 40th Annual AAAI Congerence on Artifucial Intelligence Workshop (**AAAIW**)

Patent

“Training-free Speaker Unlearning for Zero-shot Text-to-Speech”

Myungjin Lee Eunji Shin and Jiyoung Lee

Oct. 2025

• Korea patent, 10-2025-0144679

Project Experiences

Real/Fake Speech Detection from 5-Seconds Audio Clips

S.Korea

• Built a deep learning model to classify AI-generated vs. authentic English speech

Jun. 2024~ Jul.2024

LLM Performance Enhancement with Upstage Solar API

S.Korea

Supported by Upstage Solar API

Oct. 2024~ Dec.2024

- Developed a QA pipeline leveraging RAG, prompt engineering, and answer extraction to enhance baseline LLM performance on the MMMU benchmark without fine-tuning.

Cross-lingual Dubbing System Using Voice Synthesis

- Developed an end-to-end English-to-Korean film dubbing pipeline with lip-sync alignment using multiple open-source models

S.Korea

Oct. 2025~ Dec.2025

Awards

2024	1st Award, Ewha AI College Idea Competition	<i>Ewha Womans University</i>
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