

Seokwon Jung

MSc Student, Kim Jaechul Graduate School of AI (KAIST)
Scalable Trustworthy AI Group Advisor: Seong Joon Oh

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Research Interests

I work on **memory systems for long-term agents**: how large language models can stay reliable and personalized as the knowledge they depend on keeps changing. My work also spans retrieval-augmented generation and knowledge editing.

Education

Korea Advanced Institute of Science and Technology (KAIST) M.S. in Artificial Intelligence, Kim Jaechul Graduate School of AI Scalable Trustworthy AI Group, advised by Prof. Seong Joon Oh	Feb 2026 – Present
Korea Advanced Institute of Science and Technology (KAIST) B.S., double major in Computer Science and Chemistry	Mar 2014 – Feb 2026

Publications

- [1] **MEME: Multi-Entity & Evolving Memory Evaluation.**
Seokwon Jung, Alexander Rubinstein, Arnas Uselis, Sangdoo Yun, Seong Joon Oh.
ICML 2026 Workshop on Scalable Learning and Optimization for Efficient Multimodal AI Agents.
Under review at **NeurIPS 2026** (reviewer scores: 5, 5, 4).
- [2] **Break the Output Geometry for Large Language Model Unlearning.**
Yejin Kim, William F. Shen, **Seokwon Jung**, Seong Joon Oh.
ICML 2026 Workshop on the Impact of Memorization on Trustworthy Foundation Models.
- [3] **Polyphonic Sound Event Detection Using Convolutional Bidirectional LSTM and Synthetic Data-based Transfer Learning.**
Seokwon Jung, Jungbae Park, Sangwan Lee.
IEEE International Conference on Acoustics, Speech, and Signal Processing (ICASSP), 2019.

Experience

Heum — Product Manager <i>Financial and tax AI-agent company.</i> Led an upselling initiative converting one-time tax clients into recurring bookkeeping subscribers.	Dec 2024 – Jun 2025
Bluesignum — Technical Advisor <i>AI-based mental health care startup.</i>	Jul 2024 – Aug 2024

- Advised on emotional speech synthesis and chatbot–TTS integration.

Humelo Inc. — ML Researcher, ML Engineer, CDO, COO

Apr 2018 – Apr 2024

Co-founder of a speech-synthesis deep learning startup.

- Researched voice synthesis, speech emotion recognition, and sound event detection.
- As CDO, built and managed research databases and data pipelines.
- As COO, led HR, finance, and operations; managed the “KT AI Voice Studio” product.

Academic Service

Workshop Organizer, *NeurIPS 2026*

2026

PALM: Personalized, Aligned, Long-term Memory for AI Systems. Co-organizer of an accepted NeurIPS 2026 workshop on memory systems for personalized, aligned, long-horizon AI.

Honors, Awards & Patents

Patent (KR 10-2019-0007575, PCT/KR2019/012932)

2019

“Method for Training a Sound Event Detection Model.”

Grand Prize, Smart Idea Contest

2015

Hosted by Korea Toyota and Seoul National University; market-entry plan for electric vehicles in Korea.