

Euiin Yi

Graduate School of Artificial Intelligence
Korea Advanced Institute of Science and Technology (KAIST)
Seoul, Republic of Korea

Email: mercyii1120@gmail.com
Personal website: <https://euiin.github.io>
[Google Scholar](#) [GitHub](#) [LinkedIn](#) [X](#)

RESEARCH INTERESTS

LLM reasoning, LLM agents, LLMs Inference Efficiency, Speculative Decoding, AI agents in real world application

EDUCATION

Korea Advanced Institute of Science and Technology (KAIST) Seoul, South Korea
M.S. in Graduate School of Artificial Intelligence; Advisor: Prof. Se-Young Yun *Present*
B.S. in Electric Engineering; GPA: 4.0/4.3 (*Summa Cum Laude*) *Feb 2024*

PUBLICATIONS

*: co-first authors, †: equal corresponding authors, C: conference, W: workshop, J: journal, P: preprint, U: under review

2025

- [W2] Y Kim*, **Euiin Yi***, M Kim, SY Yun, and T Kim, Guiding Reasoning in Small Language Models with LLM Assistance. COML Workshop SCARL, 2025. [\[pdf\]](#) [\[code\]](#)
- [W1] Y Yang*, **Euiin Yi***, J Ko, K Lee, and Z Jin, Unpacking Multi-Agent Debate: A Test-Time Scaling Perspective on Collaborative Refinement and Diverse Exploration in LLM Problem-Solving. ICML Workshop MAS, 2025. [\[pdf\]](#) [\[code\]](#)

2024

- [C2] **Euiin Yi***, T. Kim*, H. Jeung, DS Chang, and S-Y. Yun. Towards Fast Multilingual LLM Inference: Speculative Decoding and Specialized Drafters. **Empirical Methods for Natural Language Processing (EMNLP)**, 2024. [\[pdf\]](#)[\[code\]](#)

2023

- [C1] **Euiin Yi**, H. Chung, and K. Park. Learning Spatiotemporal Representation in Nighttime Driving Video for Road Flood Detection. **IEEE Intelligent Transportation Systems Conference (ITSC)**, **accepted**, 2023.

2022

- [P1] H. Kim, S. Bae, J. Cho, H. Nam, J. Seo, S. Han, **Euiin Yi**, E. Kim, Y-G. Yoon†, and J-B. Chang†. IMPASTO: Multiplexed cyclic imaging without signal removal via self-supervised neural unmixing. BioRxiv preprint, 2022. [\[pdf\]](#)

EXPERIENCE

Reviewer *Mar 2025, May 2025, June 2025*
ARR July 2025, EMNLP 2025, ACL 2025, ICML 2025 Workshop MAS, ACL 2025 SRW

Research Intern at LG AI Reserach *Jul 2022 – Feb 2023*
Mentor: Taehyun Kim
- Research on Language Models Collaborative System, AI agent review

Research Intern at SOCAR *Jul 2022 – Feb 2023*
Mentor: Kyungho Park & Hyunhee Chung
- Research on video processing and classification on blackbox to recognize accident immediately.

Research Student Intern at Multimodal AI Lab, KAIST *Feb 2022 – Jun 2022*
Mentor: Joon Son Chung
- Research on multimodal speech processing in YouTube Video

RESEARCH PROJECTS

Development and research of lightweight algorithms for large language models *Mar 2024 – Mar 2025*
Supporter: KT
- Develop a novel efficiency method on multilingual Speculative Decoding.
- Publish an paper at EMNLP 2024 main conference.

AWARDS AND HONORS

- Samsung Dream Scholarship, 2019-2024
- National Science & Technology Scholarship., 2022-2024
- 1st Software Startup Competition, 2nd, KAIST, 2021