

Deokyeong Lee

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RESEARCH INTERESTS

Theoretical foundations of Generative AI, specifically Diffusion and Flow Matching, and their applications across discrete and continuous modalities (e.g., Language Modeling, Image Generation).

EDUCATION

Sogang University Mar. 2022 – Feb. 2027 (Expected)
B.A. in Economics, B.S. in Computer Science and Engineering Seoul, South Korea

Selected Coursework

- **Machine Learning & AI:** Natural Language Processing (**A**, *Graduate Course*), Recommender Systems (**A+**)
- **Mathematics:** Advanced Calculus (Real Analysis) (**A**), Linear Algebra (**A**), Probability Theory (**A**)
- **Computer Science:** Data Structures (**A+**), Computer Graphics (**A**)

PUBLICATIONS

[AAAI 2025] Y Park*, D Lee*, J Choe, B Chang. **ConVis: Contrastive Decoding with Hallucination Visualization for Mitigating Hallucinations in Multimodal Large Language Models.**

EXPERIENCE

VGI Lab, Seoul National University Mar. 2026 – Present
Research Intern (Advisor: Prof. Jaesik Park)

- Investigating efficient distillation methods for flow-based generative models.

Efficient Learning Lab, POSTECH Sep. 2024 – Aug. 2025
Research Intern (Advisor: Prof. Jaeho Lee)

- Investigated efficient KV-Cache compression methods to reduce memory footprint during LLM inference.

Language & Data Intelligence Lab, Sogang University Jan. 2024 – Aug. 2024
Research Intern (Advisor: Prof. Buru Chang)

- Proposed a training-free contrastive decoding strategy to mitigate hallucinations in Multimodal LLMs.

TEACHING ACTIVITIES

Sogang University Spring 2024, Fall 2024
Teaching Assistant, COR1010 Introduction to AI Programming

TECHNICAL SKILLS

Languages: Python, C/C++
Frameworks & Tools: PyTorch, CUDA