

Kim Dongjin

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RESEARCH INTERESTS

Vision-Language-Action (VLA), LLM Safety, multi-modal learning, video understanding, sound source localization.

EDUCATION

Integrated M.S.–Ph.D. in Artificial Intelligence, KAIST 2025–Present

DAVIAN Lab | Advisor: Prof. [Jaegul Choo](#) | Focus: VLA, LLM Safety, multi-modal learning

B.S. in Computer Science & Engineering, Kyung Hee University 2019–2025

Visual AI Lab | Advisor: Prof. Jung Uk Kim | Focus: multi-modal learning, video understanding, sound source localization

PUBLICATIONS

* Equal contribution.

2026

Dongyoon Hwang*, Byungkun Lee*, **Dongjin Kim***, Hyojin Jang, Hoiyeong Jin, Jueun Mun, Minho Park, Hojoon Lee, Hyunseung Kim, Jaegul Choo. “3D HAMSTER: Bridging Planning and Control in Hierarchical Vision Language Action Models through 3D Trajectory Guidance.” *IROS 2026*. [[project](#), [arXiv](#), [code](#)]

Minseok Choi*, **Dongjin Kim***, Seungbin Yang, Subin Kim, Youngjun Kwak, Juyoung Oh, Jaegul Choo, Jungmin Son. “ExpGuard: LLM Content Moderation in Specialized Domains.” *ICLR 2026*. [[arXiv](#), [OpenReview](#), [code](#)]

Seungbin Yang, Jihwan Kim, Jaemin Choi, **Dongjin Kim**, Soyoung Yang, ChaeHun Park, Jaegul Choo. “LiveWeb-IE: A Benchmark For Online Web Information Extraction.” *ICLR 2026*. [[arXiv](#), [OpenReview](#)]

2025

Sung Jin Um*, **Dongjin Kim***, Sangmin Lee, Jung Uk Kim. “Object-aware Sound Source Localization via Audio-Visual Scene Understanding.” *CVPR 2025*. [[arXiv](#), [code](#)]

Sung Jin Um, **Dongjin Kim**, Sangmin Lee, Jung Uk Kim. “Watch Video, Catch Keyword: Context-aware Keyword Attention for Moment Retrieval and Highlight Detection.” *AAAI 2025*. [[arXiv](#), [code](#)]

2024

Dongjin Kim*, Sung Jin Um*, Sangmin Lee, Jung Uk Kim. “Learning to Visually Localize Sound Sources from Mixtures without Prior Source Knowledge.” *CVPR 2024*. [[arXiv](#), [code](#)]

2023

Sung Jin Um*, **Dongjin Kim***, Jung Uk Kim. “Audio-Visual Spatial Integration and Recursive Attention for Robust Sound Source Localization.” *ACM MM 2023*. [[arXiv](#), [code](#)]

EXPERIENCE

Graduate Researcher, *KAIST AI, DAVIAN Lab*

Mar 2025–Present

Research on VLA, LLM Safety, and multi-modal learning.

AI Engineer, *LETSUR (AI Startup)*

Mar 2024–Aug 2024

Development of AI-based services utilizing LLMs and RAG.

AI Research Intern, *ETRI*

Jan 2024–Feb 2024

Electronics and Telecommunications Research Institute. Research on Video Moment Retrieval and Highlight Detection.

Undergraduate Researcher, *Kyung Hee University, Visual AI Lab*

Nov 2022–Feb 2025

Supervisor: Prof. Jung Uk Kim. Published 4 papers on multi-modal learning, video understanding, and sound source localization.

TALKS & PRESENTATIONS

Conference Posters

- CVPR 2025, Nashville, TN — “Object-aware Sound Source Localization via Audio-Visual Scene Understanding.” [\[poster\]](#)
- CVPR 2024, Seattle, WA — “Learning to Visually Localize Sound Sources from Mixtures without Prior Source Knowledge.” [\[poster\]](#)
- ACM MM 2023, Ottawa, Canada — “Audio-Visual Spatial Integration and Recursive Attention for Robust Sound Source Localization.” [\[poster\]](#)

Invited Talks

- 2025 — “My Experience of CVPR Acceptance as an Undergraduate and Advice for Graduate School.” NexusAI Cohort 2 Final Seminar, Seoul, South Korea. [\[slides\]](#)

CONTACT

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