Hyung Kyu Kim

Master Student at Chung-Ang University

E-mail: hyung1208@cau.ac.kr | Site: https://kimhyungkyu-1208.github.io/Hyungkyu_Kim/

RESEARCH INTERESTS

My research interests lie in integrating various domain data through ***multimodal learning***. I investigate multimodal learning to comprehensively leverage visual, language, and audio. Furthermore, I explore multimodal large language models to effectively exploit other modalities as LLM's ability. Building upon these foundations, my current research focuses on developing ***interaction systems*** that can understand and interact with humans in various modalities.

Multimodal Learning	**Cross-modal Learning**	**Social Artificial Intelligence**
- Visual+Language/Audio	*- LLM + Visual/Audio*	*- Social Understanding/Reasoning*

EDUCATION

Chung-Ang University   Mar 2023 - Present
- M.S in in Metafusion-VR/Game/Metaverse
- Advisor: Prof. Hak Gu Kim

Konkuk University   Mar 2016 - Feb 2023
- **B.S in Computer Science and Engineering**

PUBLICATION

1. **Unveiling the Potential of Multimodal Large Language Models for Scene Text Segmentation via Semantic-Enhanced Features**
   Ho Jun Kim*, **Hyung Kyu Kim***, Sangmin Lee and Hak Gu Kim (*equal contribution)
   IEEE International Conference on Image Processing Workshop (ICIPW) 2024

2. **Analyzing Visible Articulatory Movements in Speech Production for Speech-Driven 3D Facial Animation**
   Hyung Kyu Kim, Sangmin Lee and Hak Gu Kim
   IEEE International Conference on Image Processing (ICIP) 2024