GEO AHN

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EDUCATION

Kyung Hee University, Republic of Korea *2024–2026.02*
Master in Computer Science & Engineering
Advisor : Prof. Jinwoo Choi

Kyung Hee University, Republic of Korea *2020–2024*
B.S. in Software Convergence (Track : Data Science)
Overall GPA: 3.73/4.3 (Cumulative: 95.05%)

RESEARCH EXPERIENCE

NAVER Cloud (Video Team) March, 2025 – Sep., 2025
Research Internship *Seongnam, Rep. of Korea*

· Research intern for zero-shot compositional action recognition with vision-language models.

KHU Vision and Learning Lab March, 2024 – present
Graduate Student *Yongin, Rep. of Korea*

· Research on MLLMs for domain generalization in video temporal sentence grounding.

KHU Vision and Learning Lab July, 2022 – Feb., 2024
Undergraduate Intern *Yongin, Rep. of Korea*

· Research on debiasing by disentanglement in video representation learning.

PUBLICATIONS

1. **Why Can't I Open My Drawer? Mitigating Object-Driven Shortcuts in Zero-Shot Compositional Action Recognition**
   Geo Ahn, Inwoong Lee, Taeoh Kim, Minho Shim, Dongyoon Wee and Jinwoo Choi
   arXiv preprint (*arXiv*)

2. **DEVIAS: Learning Disentangled Video Representations of Action and Scene for Holistic Video Understanding**
   Geo Ahn*, Kyungho Bae*, Youngrae Kim* and Jinwoo Choi
   European Conference on Computer Vision (ECCV) 2024 (Oral presentation, *arXiv*)
   (* denotes equal contribution)

PROJECT EXPERIENCE

Human Action Understanding with Drones March, 2024 – Dec., 2024
Research Grant from HANCOM InSpace, Rep. of Korea

· Research on learning robust action representations for drone-captured action datasets.

Unlearing Research for Discriminative Models July, 2024 – Nov., 2024
Research Project

Model Explanation for Analysis of Drawing Data in ASD Screening March, 2023 – Dec., 2023
Research Grant from ETRI, Rep. of Korea

· Developed a part contribution evaluation framework based on model explanation (*arXiv*)

Audio-driven 3D Facial Animation Synthesis May, 2022 – Aug., 2022
Pearl Abyss × KHU SWCON Talent Training Program

- Developed a GPT-3 NPC with facial animation synchronized in real-time with the dialogue, utilizing an audio-driven generation model.

FELLOWSHIPS & AWARDS

Encouragement Award 2024
36th Workshop on Image Processing and Image Understanding (IPIU) *Jeju, Rep. of Korea*

Merit-based Scholarship 2020 – 2023
Kyung Hee University *Yongin, Rep. of Korea.*

ADDITIONAL EXPERIENCE

Administrator of KHU GPU Cluster Server (Seraph Cluster) March, 2024 – present
Kyung Hee University

REFEREES

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