Minjoon Jung

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○ minjoong507

Research Interests

I have a broad interest in **multimodal reasoning** and **video understanding**. Recently, I've focused on fine-grained video understanding to verify if models provide temporally grounded answers based on true video comprehension.

Education

BS	**Chung-Ang University**, Software Engineering	Mar 2015 – Sep 2021
PhD	**Seoul National University**, Interdisciplinary Program in Artificial Intelligence	Mar 2021 – Present

- Advisor: Prof. Byoung-Tak Zhang ↗

Experience

SNU-NAVER Hyperscale AI Center, Student Researcher — Seoul, KR — Sep 2021 – Sep 2023

- Host: Dr. Jin-Hwa Kim ↗
- Study a self-supervised learning method for video understanding.
- Publish a paper at EMNLP 2022.

CVML @ National University of Singapore, Research Intern — Singapore, SG — Feb 2024 – Feb 2025

- Host: Dr. Junbin Xiao ↗ and Prof. Angela Yao ↗
- Study trustworthy vision and language techniques, with a special focus on video grounding and QA-related topics.
- Publish a paper at NeurIPS 2024 Workshop on Video-Language Models.

Publications

On the Consistency of Video Large Language Models in Temporal Comprehension ↗ — Nov 2024
ArXiv, 2024
Minjoon Jung, Junbin Xiao, Byoung-Tak Zhang Angela Yao.

Background-aware Moment Detection for Video Moment Retrieval ↗ — Feb 2025
Winter Conference on Applications of Computer Vision (WACV), 2025
Minjoon Jung, Youwon Jang, Seongho Choi, Joochan Kim, Jin-Hwa Kim, Byoung-Tak Zhang

Can Video Large Language Models Comprehend Language in Videos? ↗ — Dec 2024
NeurIPS Workshop on Video-Language Models, 2024
Minjoon Jung, Junbin Xiao, Byoung-Tak Zhang Angela Yao.

PGA: Personalizing Grasping Agents with Single Human-Robot Interaction ↗ — Oct 2024
*International Conference on Intelligent Robots (IROS) 2024, **(Oral)***
Junghyun Kim, Gi-Cheon Kang, Jaein Kim, Seoyun Yang, ***Minjoon Jung***, Byoung-Tak Zhang

Modal-specific Pseudo Query Generation for Video Corpus Moment Retrieval ↗ — Dec 2022
Empirical Methods in Natural Language Processing (EMNLP), 2022
Minjoon Jung, Seongho Choi, Joochan Kim, Jin-Hwa Kim, Byoung-Tak Zhang

Stagemix Video Generation using Face and Body Keypoints Detection ↗ — Apr 2022
Multimedia Tools and Applications (MTAP), 2022
Minjoon Jung, Seunghyun Lee, Eun-Seon Sim, Min-Ho Jo, Yu-Jin Lee, Hye-Bin Choi, Junseok Kwon

Toward a Human-Level Video Understanding Intelligence [↗]   Nov 2021

AAAI Fall Symposium Series, 2021

Yu-Jung Heo, Minsu Lee, Seongho Choi, Woo-Suk Choi, MinJung Shin, ***Minjoon Jung***, Jeh-Kwang Ryu,
Byoung-Tak Zhang

Honors & Awards

Chung-Ang University Davinci Scholarship   Mar 2015 - Feb 2021

Daewoong Foundation AI and Big Data Global Scholarship   Mar 2021 - Feb 2022

  • Participate in education programs and real business projects.

Seoul National University AI Fellowship Scholarship   Mar 2021 - Feb 2023

Seoul National University Research Paper Contest, **Grand Prize**   Dec 2024

Professional Services

Reviewer: EMNLP 2022-2023, ACL 2023-2024, CVPR 2024-2025, WACV 2025