Minjoon Jung

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○ minjoong507

Research Interests

- Multimodal Learning
- Video Understanding

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 — Sept 2021 – Sept 2023

- Hosts: 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 – Present

- Hosts: 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 2024 Workshop on Video-Language Models
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 2021 Fall Symposium Series
Yu-Jung Heo, Minsu Lee, Seongho Choi, Woo-Suk Choi, MinJung Shin, *Minjoon Jung*, Jeh-Kwang Ryu, Byoung-Tak Zhang

Honors And 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

Professional Services

Reviewer: EMNLP 2022-2023, ACL 2023-2024