

# Minjoon Jung

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## 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  
 • 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 – Feb 2025  
 • 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

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**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

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