

Minjoon Jung

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Research Interests

My research interests span [multimodal learning](#) and [video understanding](#), particularly emphasizing how AI systems comprehend, learn from, and interact with video data. Currently, I am focused on advancing methods for temporal video understanding and performing fine-grained evaluations to enhance the reliability and trustworthiness of video comprehension systems.

Education

PhD	Seoul National University , Interdisciplinary Program in Artificial Intelligence • Adviser: Prof. Byoung-Tak Zhang	Mar 2021 – Present
BS	Chung-Ang University , Software Engineering • Closely collaborated with Prof. Junseok Kwon	Mar 2015 – Sep 2021

Experience

National University of Singapore @ CVML , Research Intern • Host: Prof. Angela Yao and Dr. Junbin Xiao	Singapore, SG Feb 2024 – Feb 2025
SNU-NAVER Hyperscale AI Center , Student Researcher • Host: Dr. Jin-Hwa Kim	Seoul, KR Sep 2021 – Sep 2023
Daewoong AI & BIG DATA , Student Researcher	Seoul, KR Mar 2021 – Feb 2022

Publications

C: conference, W: workshop, J: journal / *: equal contribution, †: corresponding author / 🔗: Link

[C4] On the Consistency of Video Large Language Models in Temporal Comprehension 🔗 <i>Conference on Computer Vision and Pattern Recognition (CVPR) 2025</i> Minjoon Jung , Junbin Xiao [†] , Byoung-Tak Zhang , Angela Yao	Jun 2025
[W3] Exploring Ordinal Bias in Action Recognition for Instructional Videos 🔗 <i>ICLR workshop on Spurious Correlation and Shortcut Learning 2025</i> Joochan Kim , Minjoon Jung , Byoung-Tak Zhang [†]	Apr 2025
[C3] Background-aware Moment Detection for Video Moment Retrieval 🔗 <i>Winter Conference on Applications of Computer Vision (WACV) 2025</i> Minjoon Jung , Youwon Jang , Seongho Choi , Joochan Kim , Jin-Hwa Kim [†] , Byoung-Tak Zhang [†]	Feb 2025
[W2] Can Video Large Language Models Comprehend Language in Videos? 🔗 <i>NeurIPS Workshop on Video-Language Models 2024</i> Minjoon Jung , Junbin Xiao [†] , Byoung-Tak Zhang , Angela Yao	Dec 2024
[C2] PGA: Personalizing Grasping Agents with Single Human-Robot Interaction 🔗 <i>International Conference on Intelligent Robots (IROS) 2024 (Oral)</i> Junghyun Kim , Gi-Cheon Kang , Jaein Kim , Seoyun Yang , Minjoon Jung , Byoung-Tak Zhang [†]	Oct 2024
[C1] Modal-specific Pseudo Query Generation for Video Corpus Moment Retrieval 🔗 <i>Empirical Methods in Natural Language Processing (EMNLP) 2022</i> Minjoon Jung , Seongho Choi , Joochan Kim , Jin-Hwa Kim [†] , Byoung-Tak Zhang [†]	Dec 2022

[J1] 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[†]

[W1] 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

Grand Prize, Seoul National University Graduate School of AI Research Paper Contest

Dec 2024

Scholarship, Seoul National University Graduate School of AI

Mar 2021 - Feb 2023

Scholarship, Daewoong Foundation

Mar 2021 - Feb 2022

Scholarship, Chung-Ang University School of Software Engineering

Mar 2015 - Feb 2021

Invited Talks

AI Seoul

Feb 2024

Seoul National University Graduate School of AI, School Symposium

Aug 2023

Seoul National University Graduate School of AI, Achievement Conference

Jul 2023

Seoul National University Artificial Intelligence Institute, Retreat

Nov 2022

Professional Services

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

References

Junseok Kwon [🔗](#)

Chung-Ang University

Associate Professor, CTO HKLABS

Byoung-Tak Zhang [🔗](#)

Seoul National University

Associate Professor, Chairman of AI Institute

Jin-Hwa Kim [🔗](#)

Naver AI Lab

Leader of Generation Research and Neural 3D TF

Angela Yao [🔗](#)

National University of Singapore

Associate Professor

Junbin Xiao [🔗](#)

National University of Singapore

Research Fellow