

Hanjung Kim

CONTACT INFORMATION

✉ **E-mail:** hanjungkim@yonsei.ac.kr
🐙 **GitHub:** <https://github.com/KimHanjung>

🏠 **Homepage:** <http://kimhanjung.github.io/>
in **LinkedIn**

RESEARCH INTERESTS

Robot Learning / Computer Vision

Learning from Human Video, Mobile Manipulation,
Object-Centric Representation, Image & Video Understanding,
Self-supervised Learning, Multi-modal Learning, Real-world Scenarios; but not limited to.

EDUCATION

PhD in Computer Science, **Yonsei University**, Seoul, Korea Sep 2021 - Current
Advisor: **Prof. Seon Joo Kim**

BS in Computer Science, **Yonsei University**, Seoul, Korea Mar 2017 - Aug 2021
Undergraduate Research Assistant

- Deepfake Detection
- Object recognition and future position prediction, **Best Capstone Design Award**

RESEARCH EXPERIENCE

New York University, New York, NY Apr 2025 - Sep 2025
(*Visiting Student*)

- Advisor: **Prof. Lerrel Pinto**
- Robot Learning

Naver Clova, Seongnam, Korea Jul 2022 - Jan 2023
(*Research Intern*)

- Image Segmentation
- Optimizing training strategies for dense prediction

PUBLICATIONS

Hanjung Kim*, Jaehyun Kang*, Hyolim Kang, Meedeum Cho, Seon Joo Kim, Youngwoon Lee,
“**UniSkill: Imitating Human Videos via Cross-Embodiment Skill Representations**”. In ***CoRL***. 2025.

Jaeseong Lee*, Yeeun Choi*, Heechan Choi*, **Hanjung Kim**, Seon Joo Kim “**A Training-Free, Task-Agnostic Framework for Enhancing MLLM Performance on High-Resolution Images**”. In ***CVPRW***. 2025.

Hanjung Kim, Jaehyun Kang, Miran Heo, Sukjun Hwang, Seoung Wug Oh, Seon Joo Kim, “**VIS-AGE: Video Instance Segmentation with Appearance-Guided Enhancement**”. In ***ECCV***. 2024.

Hyolim Kang, **Hanjung Kim**, Jounghbin An, Minsu Cho, Seon Joo Kim, “**SoLa: Soft Landing Module for Temporal Action Localization Tasks**”. In ***CVPR***. 2023.
Finalist at Qualcomm Innovation Fellowship 2023

Miran Heo, Sukjun Hwang, Jeongseok Hyun, **Hanjung Kim**, Seoung Wug Oh, Joon-Young Lee, Seon Joo Kim, “**A Generalized Framework for Video Instance Segmentation**”. In ***CVPR***. 2023.

SKILLS

Programming Languages Python, C/C++, Java
Tools Deep Learning Frameworks (PyTorch, TensorFlow), Python Scientific Computing Libraries (numpy, scipy, matplotlib, etc), OpenCV, Docker, L^AT_EX

PROJECTS	Object recognition and future position prediction	Aug 2020 - Dec 2020
	<i>Graduation Capstone, Yonsei University</i>	
	<ul style="list-style-type: none"> • Physical reasoning using blurred images • Recognize objects and predict position of the object moving on 3D 	
	Deepfake Detection	Feb 2021 - Jun 2021
	<i>Graduation Capstone, Yonsei University</i>	
	<ul style="list-style-type: none"> • Developing generalized deepfake detection method using deep learning 	
	Video Understanding	Apr 2022 - Dec 2022
	<i>Institute for Information & Communication Technology Planning & Evaluation (IITP)</i>	
	<ul style="list-style-type: none"> • Plug-and-play module that reduces task discrepancy problem • Improving the performance of pre-trained snippet features. 	
AWARDS AND HONORS	Academic Research Fellowship, Yonsei University	Nov 2024
	Google East Asia Student Travel Grants for ECCV	Oct 2024
	Excellent Research Exhibition, Dept. of Computer Science, Yonsei University	Dec 2020
	Academic Achievement Award, Yonsei University	Dec 2020
TEACHING EXPERIENCE	Yonsei University , Seoul, Korea	
	<ul style="list-style-type: none"> • TA of Object Oriented Programming (Fall 2021, Fall 2022) • TA of Python Programming (Spring 2022, Spring 2023) 	
ACADEMIC SERVICES	Conference Reviewer	
	<ul style="list-style-type: none"> • BMVC, ACCV, ECCV, ICLR, CVPR, ICCV, CoRL 	
	Journal Reviewer	
	<ul style="list-style-type: none"> • TPAMI, IJCV 	