

Taeksoo Kim

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Education

Seoul National University, Korea	Mar 2023 – present
<ul style="list-style-type: none">• M.S./Ph.D. Candidate in Computer Science and Engineering• Estimated Graduation: Mar 2029	
Seoul National University, Korea	Mar 2017 – Feb 2023
<ul style="list-style-type: none">• B.S. in Industrial Engineering• B.S. in Computer Science and Engineering	

Publications

Dexterous World Models

Byungjun Kim*, **Taeksoo Kim***, Junyoung Lee, Hanbyul Joo
Proceedings of the IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR). 2026.

Target-Aware Video Diffusion Models

Taeksoo Kim, Hanbyul Joo
The Fourteenth International Conference on Learning Representations (ICLR). 2026.

Robot-Factored World Models via Robot Rendering

Byungjun Kim, **Taeksoo Kim**, Hyunsoo Cha, Hanbyul Joo
Conference on Robot Learning (CoRL). 2026.

AutoDex: An Automated Real-World System for Dexterous Grasping Data Collection

Mingi Choi, Gunhee Kim, Jisoo Kim, **Taeksoo Kim**, Taeyun Ha, Jongbin Lim, Hanbyul Joo
Conference on Robot Learning (CoRL). 2026.

ZeroDex: Zero-Shot Long-Horizon Dexterous Manipulation via Multi-View 3D-Grounded VLM Reasoning

Jisoo Kim, Sangwon Baik, **Taeksoo Kim**, SungJoo Kim, Junyoung Lee, Mingi Choi, Hanbyul Joo
Preprint. 2026.

Gala: Generating Animatable Layered Assets from a Single Scan

Taeksoo Kim*, Byungjun Kim*, Shunsuke Saito, Hanbyul Joo
Proceedings of the IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR). 2024.

NCHO: Unsupervised Learning for Neural 3D Composition of Humans and Objects

Taeksoo Kim, Shunsuke Saito, Hanbyul Joo
Proceedings of the IEEE/CVF International Conference on Computer Vision (ICCV). 2023.

Experience

Software Engineer Intern , Samsung Electronics	July 2021 – Aug 2021
<ul style="list-style-type: none">• Worked on unsupervised anomaly detection in natural image data	
Auxiliary Police , Republic of Korea Army	Aug 2019 – Mar 2021
<ul style="list-style-type: none">• Compulsory military service	

Awards

IPESK Next-Generation Engineering Researcher Award	Sep 2026
<ul style="list-style-type: none">• Selected as an outstanding graduate researcher, Institute for Promotion of Engineering and Science of Korea	

Academic Service

Technical Paper Reviewer

- Proceedings of the IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR): 2024, 2025, 2026

- Conference on Neural Information Processing Systems (NeurIPS): 2024, 2025, 2026
- European Conference on Computer Vision (ECCV): 2026
- Conference on Robot Learning (CoRL): 2026

Teaching Assistant

- 4190.408 Artificial Intelligence: 2024, 2025, 2026
- M1522.001000 Computer Vision: 2024, 2025
- M1522.007100 3D Computer Vision: 2024, 2025