

(INÈS) HYEONSU KIM

PH.D. STUDENT

INTRO.

I am a first-year PhD student at KAIST, advised by Prof. Seungryong Kim. My research focuses on general perception, with a particular interest in point tracking (Track Any Point), its applications, and bridging video with language understanding. Before joining KAIST, I was a PhD student at Korea University and transferred to KAIST with my advisor. Prior to that, I received a B.S. degree from Korea University.

EDUCATION

Korea Advanced Institute of Science and Technology (KAIST)

Seoul, Korea

Integrated M.S./Ph.D. in Artificial Intelligence

2024 - present

- Advisor: Prof. Seungryong Kim
- Research area: Computer Vision

Korea University

Seoul, Korea

M.S. in Computer Science and Engineering

Mar. 2024 - Sep. 2024

- Transferred to KAIST with supervisor (degree incomplete).

Korea University

Seoul, Korea

B.S. in Biomedical Engineering and Artificial Intelligence

Mar. 2020 - Feb. 2024

- Graduated Summa Cum Laude

EXPERIENCE

University of Michigan | Ann Arbor, MI, USA

2025.06 - present

- Position: Visiting Scholar
- Advisor: Prof. Honglak Lee

PUBLICATIONS

1. Inès Hyeosu Kim*, Seokju Cho*, Jiahui Huang, Jung Yi, Joon-Young Lee, and Seungryong Kim “Exploring Temporally-Aware Features for Point Tracking”, *IEEE Conference on Computer Vision and Pattern Recognition (CVPR)*, 2025. [Link]
2. Junyoung Seo*, Susung Hong*, Wooseok Jang*, Inès Hyeonsu Kim, Min-seop Kwak, Doyup Lee, and Seungryong Kim “Retrieval-Augmented Score Distillation for Text-to-3D Generation”, *International Conference on Machine Learning (ICML)*, 2024. [Link]
3. Jisu Nam, Gyuseong Lee, Sunwoo Kim, Inès Hyeonsu Kim, Hyeonwon Cho, Seyeon Kim and Seungryong Kim, “Diffusion Model for Dense matching”, *International Conference on Learning Representations (ICLR)*, Oral, 2024. [Link]
4. Junyoung Seo*, Wooseok Jang*, Min-Seop Kwak*, Inès Hyeonsu Kim, Jaehoon Ko, Junho Kim, Jin-hwa Kim, Jiyoung Lee, and Seungryong Kim, “Let 2D Diffusion Model Know 3D-Consistency for Robust Text-to-3D Generation”, *International Conference on Learning and Representations (ICLR)*, 2024. [Link]
 - I largely contributed for integration to large open-source project, ThreeStudio ([Link]).
5. Inès Hyeonsu Kim*, JoungBin Lee*, Soowon Son, Woojeong Jin, Kyusun Cho, Junyoung Seo, Min-Seop Kwak, JeongYeol Baek, Byeongwon Lee and Seungryong Kim, “Pose-dIVE: Pose-Diversified Augmentation for Person Re-Identification”, *Pre-print (Arxiv)*, 2024. [Link]
6. Min-Seop Kwak, Donghoon Ahn, Inès Hyeonsu Kim, Jin-wha Kim, and Seungryong Kim, “Geometry-Aware Score Distillation via 3D Consistent Noising and Gradient Consistency Modeling”, *Pre-print (Arxiv)*, 2024. [Link]

AWARDS AND HONORS	• CVPR Travel Award	2025
	IEEE Computer Society and the Computer Vision Foundation	
	• Outstanding Graduate Award, Class of 2024	2025
	Korea University	
	• Best Paper Award	2023
	33rd Artificial Intelligence and Signal Processing, IEIE	
SKILLS	• 1st Prize, R&E Conference of Gifted Youth in Scientific Research	2018
	The Minister of Science & ICT of the Republic of Korea	
	• 2nd Prize, Korea National Science Creativity Competition	2017
	The Minister of Science & ICT of the Republic of Korea	
	• Outstanding Achievement Award, National Science Fair	2015
	The Minister of Education & The Minister of Economy and Finance of the Republic of Korea	
ACADEMIC SERVICES	Languages: Korean (Native), English (Fluent).	
	Programming: Python, C++, MATLAB.	
	Reviewers for: CVPR (2025), NeurIPS (2025).	