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# (Inès) Hyeonsu Kim  Ph.D. Student

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**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**, Hyeongwon 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

- **Graduate School Presidential Scholarship** — 2025
  Korea Student Aid Foundation (KOSAF)
- **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
- **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

## Skills

**Languages**: Korean (Native), English (Fluent).
**Programming**: `Python`, `C++`, `MATLAB`.

## Academic Services

**Reviewers for**: CVPR (2025), NeurIPS (2025).