

Soowon Son

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EDUCATION

Korea Advanced Institute of Science and Technology (KAIST) Seoul, Korea
Ph.D. in Artificial Intelligence March 2025 – Current
Advisor: Seungryong Kim

Korea University Seoul, Korea
M.S. in Computer Science and Engineering August 2024 – February 2025
Advisor: Seungryong Kim
- *Degree incomplete: transferred to KAIST with advisor.*

Korea University Seoul, Korea
B.S. in Computer Science and Engineering March 2019 – August 2024
GPA: 4.0/4.5

EXPERIENCE

Kakao Corp. March 2026 – May 2026
Token compression in video VLM

PUBLICATIONS

C: Conference, P: Preprint, *: Equal Contribution, †: Corresponding Author

[P2] TrackCraft3R: Repurposing Video Diffusion Transformers for Dense 3D Tracking

Jisu Nam, Jahyeok Koo, **Soowon Son**, Jaewoo Jung, Honggyu An, Junhwa Hur[†], Seungryong Kim[†]

In submission

[P1] Probing and Leveraging Video Diffusion Transformer Features for Robust Point Tracking

Soowon Son, Honggyu An, Jisu Nam, Hyunah Ko, Chaehyun Kim, Dahyun Chung, Jung Yi, Siyoon Jin, Junhwa Hur[†], Seungryong Kim[†]

In submission

[C4] TETO: Tracking Events with Teacher Observation for Motion Estimation and Frame Interpolation

Jini Yang*, Eunbeen Hong*, **Soowon Son**, Hyunkoo Lee, Sunghwan Hong, Sunok Kim, Seungryong Kim[†]

European Conference on Computer Vision (ECCV 2026)

[C3] Emergent Temporal Correspondences from Video Diffusion Transformers

Jisu Nam*, **Soowon Son***, Dahyun Chung, Jiyoung Kim, Siyoon Jin, Junhwa Hur[†], Seungryong Kim[†]

Neural Information Processing Systems (NeurIPS 2025)

[C2] Visual Persona: Foundation Model for Full-Body Human Customization

Jisu Nam, **Soowon Son**, Zhan Xu, Jing Shi, Difan Liu, Feng Liu, Aashish Misraa, Seungryong Kim[†], Yang Zhou[†]

Computer Vision and Pattern Recognition (CVPR 2025)

[C1] Pose-dIVE: Pose-Diversified Augmentation with Diffusion Model for Person Re-Identification

Inès Hyeonsu Kim*, Woojeong Jin*, **Soowon Son**, Junyoung Seo, Seokju Cho, JeongYeol Baek, Byeongwon Lee, JoungBin Lee, Seungryong Kim†

Computer Vision and Pattern Recognition (CVPR 2026) Findings

SCHOLARSHIPS AND AWARDS

- Semester High Honors 2020–2023

ACADEMIC SERVICES

- **Conference Reviewer:** ICLR 2026, NeurIPS 2026