

Hyun-Kurl Jang

Ph.D. student in KAIST
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PERSONAL DATA

- **Nationality:** Republic of Korea
- **Language:** Korean(First language), English

EDUCATION

- **Korea Advance Institute of Science and Technology (KAIST)** Daejeon, South Korea
PhD candidate in Mechanical Engineering (GPA: 4.09/4.3) September 2023 - Present
Advisor: Kuk-Jin Yoon
- **Korea Advance Institute of Science and Technology (KAIST)** Daejeon, South Korea
MS candidate in Mechanical Engineering (GPA: 4.15/4.3) September 2022 - August 2023
Advisor: Kuk-Jin Yoon
- **Korea Advance Institute of Science and Technology (KAIST)** Daejeon, South Korea
BS in Mechanical Engineering (GPA: 3.57/4.3) March 2016 - August 2022

RESEARCH INTEREST

- **Computer Vision and Deep Learning**
 - LiDAR perception
 - Test-time Adaptation
 - Semantic Segmentation

PUBLICATIONS

(* denotes equal contribution.)

- [NeurIPS 2024] **Hyunkurl Jang***, Jihun Kim*, Hyeokjun Kweon*, and Kuk-Jin Yoon. "TALoS: Enhancing Semantic Scene Completion via Test-time Adaptation on the Line of Sight"
- [ECCV 2024] Youngho Yoon*, **Hyun-Kurl Jang***, and Kuk-Jin Yoon. "GMT: Enhancing Generalizable Neural Rendering via Geometry-Driven Multi-Reference Texture Transfer"
- [CVPR 2023, Highlight] Taewoo Kim, Yujeong Chae, **Hyun-Kurl Jang**, and Kuk-Jin Yoon. "Event-based Video Frame Interpolation with Cross-Modal Asymmetric Bidirectional Motion Fields" (**Top2.5% of submissions**)

PROJECTS

- AI Research for Intelligent X-ray Luggage Scanning System 2022 - 2024

HONORS AND AWARDS

- Gold prize in Best Paper Awards during 35th Workshop on Image Processing and Image Understanding 2023