

# YOUNGJUN JUN (전영준)

## PERSONAL INFORMATION

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🎓 [Google Scholar](#)  
🌐 [LinkedIn](#)



## BIOGRAPHY

I'm a researcher and upcoming PhD student (Fall 2026 - ) at the [BISPL](#) group at [KAIST AI](#), advised by Prof. [Jong Chul Ye](#). I'm interested in generative models and their potential. I love exploring how generative models understand data and to what extent, with the goal of advancing the generative models themselves. In particular, I value mathematical theory and rigorous logical flow.

I received my M.S. degree in [Artificial Intelligence](#) from the [MICV](#) group at Yonsei University in Feb 2026, advised by Prof. [Seong Jae Hwang](#). During my M.S. program, I also worked temporarily at [NewcureM](#) as an AI researcher, guided by Dr. [Mijin Yun](#) (CEO & Professor of Medicine). Before that, I received my B.S. degree from the Department of [Mathematics](#), Yonsei University in Aug 2023.

I have conducted research on diffusion models and their applications in video generation (CVPR 2026; ICML 2026), image generation (ICCV 2025; AAAIW 2026; ICLR 2026; MICCAI 2024), representation learning (WACV 2025), and medical imaging (MICCAI 2024, 2025).

## EDUCATION

|                                                                             |                     |
|-----------------------------------------------------------------------------|---------------------|
| <b>M.S.</b> in Artificial Intelligence, Yonsei University<br>CGPA : 4.2/4.3 | Mar 2024 - Feb 2026 |
| <b>B.S.</b> in Mathematics, Yonsei University<br>CGPA : 3.9/4.3             | Mar 2018 - Aug 2023 |

## RESEARCH EXPERIENCE

|                                                                                                                   |                                              |
|-------------------------------------------------------------------------------------------------------------------|----------------------------------------------|
| <b>BioImaging, Signal Processing, &amp; machine Learning lab. (BISPL)</b> , KAIST AI<br>PhD Student<br>Researcher | Fall 2026 - (Expected)<br>Mar 2026 - Current |
| <b>Medical Imaging &amp; Computer Vision Lab (MICV)</b> , Yonsei University<br>MS Student<br>Research Intern      | Mar 2024 - Feb 2026<br>Sep 2023 - Feb 2024   |
| <b>NewcureM</b> , located in Severance Hospital<br>Researcher, AI team                                            | Oct 2024 - Feb 2025                          |
| <b>Wavelets and Approximation Group</b> , Yonsei University<br>Undergraduate Research Intern                      | Dec 2021 - Feb 2022                          |

## CONFERENCE PUBLICATIONS

**Interpretable Motion-Attentive Maps : Spatio-Temporally Localizing Concepts in Video Diffusion Transformers** [PDF]  
CVPR 2026 [Highlight](#), AR  $\leq 3.5\%$   
[KCC 2026 Workshop on XAI Best Paper Award \(1st\)](#) (domestic)  
[Youngjun Jun](#), Seil Kang, Woojung Han, Seong Jae Hwang

**Disentangling Disentangled Representations : Towards Improved Latent Units via Diffusion Models** [WACV 2025] [PDF]  
[Youngjun Jun](#), Jiwoo Park, Kyobin Choo, Tae Eun Choi, Seong Jae Hwang

**Physics in 2-Steps : Locking Motion Priors Before Visual Refinement Erases Them** [ICML 2026] [PDF] [Collaboration with [NVIDIA](#)]  
[Woojung Han](#), Seil Kang, [Youngjun Jun](#), [Min-Hung Chen](#), [Fu-En Yang](#), Seong Jae Hwang

**WAVE: Warp-Based View Guidance for Consistent Novel View Synthesis Using a Single Image** [ICCV 2025] [PDF]  
[Jiwoo Park](#), Tae Eun Choi, [Youngjun Jun](#), Seong Jae Hwang

**PRETI: Patient-Aware Retinal Foundation Model via Metadata-Guided Representation Learning** [MICCAI 2025] ([Early Acpt](#), AR  $\leq 9\%$ ) [PDF]  
[Yeonkyung Lee](#), [Woojung Han](#), [Youngjun Jun](#), [Hyeonmin Kim](#), [Jungkyung Cho](#), Seong Jae Hwang

**Slice-Consistent 3D Volumetric Brain CT-to-MRI Translation with 2D Brownian Bridge Diffusion Model** [MICCAI 2024] (Early Accept, AR  $\leq 11\%$ ) [PDF]  
Kyobin Choo, Youngjun Jun, Mijin Yun, Seong Jae Hwang

**PRGNN: Pyramid Region Graph Neural Network for region-based brain PET classification** [MICCAI 2025] [PDF]  
Daesung Kim, Seungbeom Seo, Boosung Kim, Kyobin Choo, Youngjun Jun, Mijin Yun

**Backbone Augmented Training for Adaptations** [AAAIW 2026] (Oral) [PDF]  
Jae Wan Park, Junhyeok Kim, Youngjun Jun, Hyunah Ko, Seong Jae Hwang

**Inference-Time CLIP Embedding Manipulation for Compositional Text-to-Image Alignment** [ICLRW 2026] [PDF]  
Sujung Hong\*, Tae Eun Choi\*, Youngjun Jun, Chanyong Yoon, Seong Jae Hwang

#### SERVICES

**Reviewer**  
CVPR (2026), NeurIPS (2025-2026), ECCV (2026)

**Teaching**  
Fall 2024, TA in **Intro to Computer Vision**, instructed by Prof. Seong Jae Hwang  
Spring 2025, TA in **Deep Learning and Applications**, instructed by Prof. Seong Jae Hwang

#### SKILLS

**Programming**  
Python, Deep Learning Frameworks (Pytorch, JAX), Python Libraries (Diffusers, Hugging Face, etc),  
Medical Python Libraries (NiBabel, Pydicom), Shell Script, Git, L<sup>A</sup>T<sub>E</sub>X

**Language**  
English (Intermediate)  
Korean (Native)