

YOUNGJUN JUN (전영준)

PERSONAL INFORMATION

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BIOGRAPHY

I'm a project manager and research intern 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; ICLRW 2026; MICCAI 2024), disentangled representation learning (WACV 2025), and medical imaging (MICCAI 2024, 2025).

EDUCATION

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

RESEARCH EXPERIENCE

[BioImaging, Signal Processing, & machine Learning lab. \(BISPL\)](#), KAIST AI
Research Intern Mar 2026 - Current
[Medical Imaging & Computer Vision Lab \(MICV\)](#), Yonsei University
Graduate Research Assistant Mar 2024 - Feb 2026
Research Intern Sep 2023 - Feb 2024
[NewcureM](#), located in Severance Hospital
Researcher, AI team Oct 2024 - Feb 2025
[Wavelets and Approximation Group](#), Yonsei University
Undergraduate Research Intern Dec 2021 - Feb 2022

CONFERENCE PUBLICATIONS

Interpretable Motion-Attentive Maps : Spatio-Temporally Localizing Concepts in Video Diffusion Transformers [CVPR 2026] [PDF]
[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]
[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

안드로겐성탈모 중증도 진단 보조를 위한 헤어라인 이미지 전처리 및 분류 통합 자동화 파이프라인 [IPIU 2025]
전영준, 추교빈, 최태운, 김영준, 명기준, 김도영, 황성재

안드로겐성탈모 진단 보조를 위한 헤어라인 이미지 분류 및 모발 굵기 측정 자동화 프레임워크 [IPIU 2024]
추교빈, 정재원, 서창원, 전영준, 김영준, 명기준, 김도영, 황성재

SERVICES

Reviewer

ECCV (2026), CVPR (2026), NeurIPS (2025)

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, Pytorch Lightning), Python Libraries (Diffusers, Hugging Face, etc), Medical Python Libraries (NiBabel, Pydicom), Shell Script, Git, L^AT_EX

Language

English (Intermediate)

Korean (Native)