

Jiwon Jang

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Since 2025, I have conducted research in Computer Vision, with a primary focus on medical image segmentation. My research later expanded to Vision-Language models and Video Understanding, particularly in Referring Video Object Segmentation (RVOS). Currently, I am working on Vision-Language-Action models.

EDUCATION

Daegu Gyeongbuk Institute of Science and Technology (DGIST)

B.Sc. in Computer Science;

Minor Degree in Electrical and Electronics Engineering;

Daegu, Korea

Feb 2022 – Feb 2026

Feb 2025 – Feb 2026

Korea Advanced Institute of Science and Technology (KAIST)

Exchange Student;

Daejeon, Korea

Jun 2024 – Jul 2024

SKILLS

Languages: C/C++, Python

Technologies: MySQL, Git, PyTorch

Methodologies: Segmentation[1,2], Medical Imaging[1,2], Video Understanding, Vision-Language, Vision-Language-Action, Reinforcement Learning[1]

EXPERIENCE

AI Research Intern, UNIVA(Daegu, Korea): LLM Research and Engineering (Jun 2025 – Aug 2025)

Undergraduate Intern, DGIST MISPL LAB(Daegu, Korea): Medical Imaging (sep 2025 – Feb 2026)

Undergraduate Intern, DGIST CV LAB(Daegu, Korea): Video Instance Segmentation (Jan 2025 – Feb 2025)

Undergraduate Intern, DGIST SID LAB(Daegu, Korea): Haptic Glove Developing (Sep 2023 – Feb 2024)

PUBLICATION

[1] Yunseong Nam, **Jiwon Jang**, Dongkyu Won, Sang Hyun Park, Soopil Kim, "Model Agnostic Preference Optimization for Medical Image Segmentation", Under review. [Paper]

[2] Anonymized Authors, "Multi-View Consistency-Based Adaptation of SAM2 for 3D ABUS Tumor Segmentation", Under review.

AWARDS & ACHIEVEMENTS

Encouragement Award: Awarded to DGIST Undergraduate Group Research Program (UGRP) (Feb 2024)

TEACHING

DGIST Object-Oriented Programming: TA for Object-Oriented Programming Class (Aug 2024 – Dec 2024)

DGIST Machine Learning: TA for Machine Learning Class (Feb 2026 – 2026 Jun)