

Jae Won Jang

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RESEARCH INTERESTS

My research focuses on 3D reconstruction and generation. I am particularly interested in **dynamic 3D reconstruction with Gaussian Splatting**. More recently, I have been exploring how to combine 3D representations with **video generation models** to produce dynamic videos that faithfully follow real-world reference videos while maintaining physical plausibility.

EDUCATION

Seoul National University, Seoul, South Korea <i>Ph.D. in Artificial Intelligence</i> Supervised by Prof. Nojun Kwak	Mar 2024 - present
Seoul National University, Seoul, South Korea <i>B.A. in Naval Architecture and Ocean Engineering / Industrial Engineering</i>	Mar 2017 - Feb 2024
EPFL, Lausanne, Switzerland <i>Exchange Student</i>	Mar 2022 - Aug 2022

PUBLICATIONS

- [1] **Jae Won Jang**, Yeonjin Chang, Wonsik Shin, Juhwan Cho, Nojun Kwak, “4DGS360: 360° Gaussian Reconstruction of Dynamic Objects from a Single Video”, *ECCV 2026*. [Project Page](#)
- [2] Ingyun Lee, **Jae Won Jang**, Seunghyeon Seo, Nojun Kwak, “DivCon-NeRF: Generating Augmented Rays with Diversity and Consistency for Few-shot View Synthesis”, *IJCAI 2026*.

SKILLS

Programming languages	C++, C#, Python
ML Development	PyTorch, Linux, Docker
Languages	English (Professional), Korean (Native)

HONORS AND AWARDS

AI Fellowship (Fully Funded) Seoul National University	Mar 2024 - Feb 2026
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