

Wongi Park

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RESEARCH INTERESTS

{ 3D Scene Understanding, Physical AI, Diffusion } for { Real2Sim, Sim2Real }

EDUCATION

Ajou University

Bachelor of Software Engineering

Gyeonggi, South Korea

Mar. 2020 – Mar. 2027

University of Texas at Arlington

College of Computing and Informatics, Exchange students for Research Internship

Texas, United States

Jan. 2026 – May. 2026

PUBLICATIONS

(C: conference, J: journal, W: workshop, P: pre-print, * = equal contributions, † = Corresponding author)

[P3] **Wongi Park**[†], Jiyeon Lim, Minjae Lee, Myeongseok Nam, Seongjun Choi, Soomok Lee[†], William J. Beks[†], Sang-Hyun Lee[†], "Rectifying Mask via Entropy for Distractor-Free 3DGS in Ambiguous Scenarios", **Under-review, 2026**

[P2] **Wongi Park**, Jordan James, Myeongseok Nam, Minjae Lee, Soomok Lee[†], Sang-Hyun Lee[†], William J. Beks[†], "Difix3D-W: Distractor-Free Few-Shot 3D Gaussian Splatting in the Wild", **Under-review, 2026**

[P1] Jiyeon Lim, **Wongi Park**, Soomok Lee[†], "CaRT-NeLF: Local core Appearance embedding with Regularization for Novel view synthesis", **Under-review, 2026**

[C2] **Wongi Park**^{*}, Myeongseok Nam^{*}, Siwon Kim, Sangwoo Jo, Soomok Lee[†], "ForestSplats: Deformable transient field for Gaussian Splatting in the Wild", **WACV, 2026**

[C1] Myeongseok Nam^{*}, **Wongi Park**^{*}, ..., Soomok Lee[†], "Veta-GS:View-dependent Deformable 3D Gaussian Splatting for Thermal Infrared Novel-view synthesis", **ICIP, 2025**

[J2] Gregory Holste, ..., **Wongi Park**, ..., Yifan Peng[†], "Towards long-tailed, multi-label disease classification from chest X-ray: Overview of the CXR-LT challenge", **Medical Image Analysis, (IF = 10.9), 2024**

[J1] **Wongi Park**, Jongbin Ryu[†] "Fine-Grained Self-Supervised Learning with Jigsaw puzzles for medical image classification", **Computers in Biology and Medicine, (IF = 7.7), 2024**

[W1] **Wongi Park**^{*}, Inhyuk Park^{*}, Seungeun Kim, Jongbin Ryu[†], "Robust asymmetric loss for multi-label long-tailed learning", **ICCV Workshop (CVAMD), 2023**

RESEARCH EXPERIENCE

University of Texas at Arlington, Robot Vision laboratory

Few-shot 3D Gaussian Splatting for Real-World, supervised by Prof. William J. Beks

Texas, United States

Jan. 2026 - Current

Kennesaw State University and Ajou University, Robot Intelligence Laboratory

3D Gaussian Splatting for Real-World, supervised by Prof. Soomok Lee and Prof. Sanghyun Lee

Georgia, United States

Jan. 2024 - Current

Korea University, Vision & AI Laboratory

Self-Supervised learning for Satellite data, supervised by Prof. Jinkyu Kim

Seoul, South Korea

July. 2023 - Sep. 2023

Ajou University, Computational Intelligence Laboratory

Analysis and construction for Medical imaging, supervised by Prof. Jongbin Ryu

Gyeonggi, South Korea

Mar. 2022 – May. 2023

WORK EXPERIENCE

Military Service

Republic of Korea Army, Forward Strategic Headquarters (Sergeant, Honorably Discharged)

Dec. 2019 – May. 2021

AWARDS & HONORS

Honors

- Academic distinction honor in University of Texas at Arlington 2026
- IT international training program in Ajou University 2026
- IJCAI'24 Conference travel grant 2024
- Academic scholarship in Ajou University (Spring, Fall semester) 2024
- Academic scholarship in Ajou University (Fall semester) 2023
- Essay writing excellence scholarship in Ajou University 2022

Awards

- **3rd**, IT Project competition in Ajou University 2024
- **3rd**, Software-oriented University Joint Deep Learning AI Contest 2024
- **4th**, 2023 multi-label disease classification from ICCVW CXR-LT challenge 2023
- **3rd**, 2023 Medical AI Idea Competition 2023
- **Top 100**, 2023 Google Student Solution Challenge 2023
- **2nd**, 2023 Algorithm Datathon for COVID-19 in SNUBH ICU 2023
- **1st**, 2023 K-iium Medical Artificial Intelligence Competition 2023
- **2nd**, 2023-1 Ajou SoftCon Research Division 2023
- **2nd**, AI Competition for Racket Sports Data Detection Challenge 2022
- **2nd**, Children's X-ray Data Service Idea Development Challenge 2022
- **Bronze (10%)**, American Express with Kaggle, Default Prediction Predict 2022
- **2nd**, Heart, Lung Sound AI model development Challenge 2022
- **3rd**, Medical Synthetic Data AI Challenge, Classification of disease status 2022
- **1st**, Software-oriented University Joint Deep Learning AI Contest 2022
- **2nd**, ML Olympiad - Google Landscape Image Classification 2022
- **1st**, Ministry of Trade, Industry and Energy, Application development using Public data 2022
- **3rd**, Card consumption pattern analysis visualization Contest 2022
- **7th**, Data Analysis AI Contest, Seoul Metropolitan Government estimates of bike rental volume 2022
- **3rd**, Osan-si Data Analysis Contest 2022

EXTRA

Conference & Journal Reviewer

- {CVPR 2024, ICCV 2025} for Workshop AI City Challenge
- {CVPR 2024} for Workshop Generative Models for Computer Vision
- {IROS 2026} for Main Conference
- {ICASSP 2025, ICASSP 2026} for Main Conference
- IEEE Transactions on {Industrial Informatics, Automation Science and Engineering}

Invited Talk

- Present about "A journey of progress and growth together", at NVIDIA RTX Campus (DongA University), 2025
- Present about "Key to Data Limits: Self-supervised Learning", at PseudoLab Community (SKT Supex Hall), 2023

Kaggle

- Kaggle Notebooks Master (Highest 146/249,264)
- Kaggle Datasets Expert (Highest 774/8,910)
- Preparing Kaggle Meetup & Networking Event in Seoul as committee

Mentoring

- Juyoung Kim - SwiftCAD: Efficient Parametric CAD Generation with Shared Decoder Transformers, CVPRW'26
- Myeongseok Nam - Veta-GS:View-dependent Deformable 3DGS for Thermal Infrared Novel-view synthesis, ICIP'25

TEACHING & LEADERSHIP EXPERIENCE

Teaching Assistant

- Python & Algorithm at Maetan High School 2022

Leadership Experience

- Leading Vision R&D group at PseudoLab Community ($\approx$ 50 members) Mar. 2022 – Current
- Expert Panel Member, AngelHack $\times$ Coupang Global Hackathon Nov. 2025
- National Evaluation Panel Member, K-Startup Challenge Oct. 2023