

Wongi (Kalel) Park

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RESEARCH INTERESTS

{ 3D Scene Understanding, Diffusion, Physical AI, Robotics } for Real-world Application, etc..

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

Texas, United States

Jan. 2026 – May. 2026

PUBLICATIONS

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

[P2] **Wongi Park***[†], Myeongseok Nam*, Jiyeon Lim, Seongjun Choi, Minjae Lee, "Towards Ambiguous Scenarios for Distractor-Free 3DGS in the Wild", **Under-review, 2026**

[P1] **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

SLAM & Gaussian Splatting, supervised by Prof. William J. Beksi

Jan. 2026 - Mar. 2026

Ajou University, Robot Intelligence & System Engineering Lab

3D-GS and NeRF for Large-scale 3D rendering, supervised by Prof. Soomok Lee

Jan. 2024 - Current

Korea University, Vision & AI Lab

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

July. 2023 - Sep. 2023

Ajou University, Computational Intelligence Lab

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

Mar. 2022 – May. 2023

WORK EXPERIENCE

Military Service

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

Dec. 2019 – May. 2021

AWARDS & HONORS

Honors

- IJCAI'24 Conference travel grant 2024
- Academic scholarship (Spring, Fall semester) 2024
- Writing excellence scholarship 2022

Awards

• 3rd , 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

- ICASSP'25, ICASSP'26
- CVPR'24 Workshop Generative Models for Computer Vision
- CVPR'24, ICCV'25, Workshop AI City Challenge

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 Conference (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

TEACHING & LEADERSHIP EXPERIENCE

Teaching Assistant

- Python & Algorithm at Maetan High School 2022

Leadership Experience

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

SKILLS

- **Programming Ability:** Python, CUDA, C++, Docker, Java, React, LaTeX
- **Language Ability:** Fluent in Korean, Intermediate in English, Beginner in Chinese