

Wongi (Kalel) Park

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RESEARCH INTERESTS

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

EDUCATION

Ajou University <i>Bachelor of Software Engineering</i>	Gyeonggi, South Korea Mar. 2020 – Mar. 2027
University of Texas at Arlington <i>College of Computing and Informatics, Exchange students</i>	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 <i>SLAM & Gaussian Splatting, supervised by Prof. William J. Beksí</i>	Jan. 2026 - Mar. 2026
Ajou University, Robot Intelligence & System Engineering Lab <i>3D-GS and NeRF for Large-scale 3D rendering, supervised by Prof. Soomok Lee</i>	Jan. 2024 - Current
Korea University, Vision & AI Lab <i>Self-Supervised learning for Satellite data, , supervised by Prof. Jinkyu Kim</i>	July. 2023 - Sep. 2023
Ajou University, Computational Intelligence Lab <i>Analysis and construction for Medical imaging, supervised by Prof. Jongbin Ryu</i>	Mar. 2022 – May. 2023

WORK EXPERIENCE

Military Service <i>Republic of Korea Army, Forward Strategic Headquarters (Sergeant, Honorably Discharged)</i>	Dec. 2019 – May. 2021
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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-iu 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 (\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

SKILLS

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