

# 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

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

## EXTRA

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### 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

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### 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