

# Wongi Park

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## RESEARCH INTERESTS

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

## EDUCATION

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### 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

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

[P3] **Wongi Park\***, Jordan James, Myeongseok Nam, Minjae Lee, Soomok Lee<sup>†</sup>, Sang-Hyun Lee<sup>†</sup>, William J. Beksi<sup>†</sup>, "Coming soon", **Under-review, 2026**

[P2] **Wongi Park\***<sup>†</sup>, Myeongseok Nam\*, Jiyeon Lim, Seongjun Choi, Minjae Lee, "Coming soon", **Under-review, 2026**

[P1] **Wongi Park**, Soomok Lee<sup>†</sup>, "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<sup>†</sup>, "ForestSplats: Deformable transient field for Gaussian Splatting in the Wild", **WACV, 2026**

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

[J2] Gregory Holste, ..., **Wongi Park**, ..., Yifan Peng<sup>†</sup>, "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<sup>†</sup> "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<sup>†</sup>, "Robust asymmetric loss for multi-label long-tailed learning", **ICCV Workshop (CVAMD), 2023**

## RESEARCH EXPERIENCE

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### University of Texas at Arlington, Robot Vision Laboratory

*Few-shot 3D Gaussian Splatting, supervised by Prof. William J. Beksi*

*Jan. 2026 - Current*

### Ajou University, Robot Intelligence & System Engineering Laboratory

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

*Jan. 2024 - Current*

### Korea University, Vision & AI Laboratory

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

*July. 2023 - Sep. 2023*

### Ajou University, Computational Intelligence Laboratory

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

*Mar. 2022 – May. 2023*

## WORK EXPERIENCE

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### Military Service

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

*Dec. 2019 – May. 2021*

## AWARDS & HONORS

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### Honors

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

- Academic scholarship (Fall semester) 2023
- Writing essay 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

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#### Conference & Journal Reviewer

- {ICASSP'25, ICASSP'26 } for Main Conference
- {CVPR'24} for Workshop Generative Models for Computer Vision
- {CVPR'24, ICCV'25} for Workshop AI City Challenge
- IEEE Transactions on Industrial Informatics (IF 11.7)

#### 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

### 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 (  $\approx$  50 members ) *Mar. 2022 - Current*
- Expert Panel Member, AngelHack  $\times$  Coupang Global Hackathon *Nov. 2025*
- National Evaluation Panel Member, K-Startup Challenge *Oct. 2023*