

# Wongi Park

MACHINE LEARNING ENGINEER

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“Sometimes, things may not go your way, but the effort should be there every single night.”

## Education

### Ajou University

B.S. IN COMPUTER SCIENCE AND ENGINEERING

- Micro Major to study Artificial Intelligence

Suwon-si, Gyeonggi-do, Re of Korea

Mar. 2020 - Aug. 2026

## Research Paper

### INTERNATIONAL

2023 **1st Author**, Robust Asymmetric Loss for Multi-Label Long-Tailed Learning

Under Review

2023 **1st Author**, Fine-Grained Self-Supervised Learning with Jigsaw Puzzles for Medical Image Classification

Under Review

## Work Experience

### Korea University Vision&AI Lab

RESEARCH INTEREST : SELF-SUPERVISED LEARNING, ETC..

- Self-Supervised Learning for Satellite data

Seongbuk-gu, Seoul, Re of Korea

July. 2023 - Present. 2023

### Ajou University Computational Intelligence Lab

RESEARCH INTEREST : SELF-SUPERVISED LEARNING, FINE-GRAINED RECOGNITION

- Construction and analysis of fetal heartbeat monitoring data
- Analysis and Construction of Lung Cancer Segmentation
- Location-Unchanging Lesion Image Classification Algorithm Using Frequency Domain

Suwon-si, Gyeonggi-do, Re of Korea

Aug. 2022 - May. 2023

## Honors & Awards

### INTERNATIONAL

2023 **Top 100**, 2023 Google Student Solution Challenge

Google

2022 **Bronze Medal (438/4,874)**, American Express with Kaggle, Default Prediction Predict

Kaggle

2022 **2nd Place**, ML Olympiad - Google Landscape Image Classification

Kaggle

Present **Kaggle Notebook Master (146/249,264)**, Kaggle is an online community of Data Science practitioners.

Kaggle

### DOMESTIC

2023 **2nd Place**, 2023-1 Ajou SoftCon Research Division

Ajou, Univ

2022 **2nd Place**, AI Competition for Racket Sports Data Detection Challenge

Humanf

2022 **2nd Place**, 2022 Children's X-ray Data Service Idea Development Challenge

Korea, Univ

2022 **2nd Place**, Heart, Lung Sound AI model development Challenge

Yonsei, Univ

2022 **3rd Place**, Medical Synthetic Data AI Challenge, Classification of disease status

Promedius.ai

2022 **1st Place**, 2022 Software-oriented University Joint Deep Learning AI Contest

SW, Univ

2022 **1st Place**, Ministry of Trade, Industry and Energy, Application development using Public data

S.Korea

2022 **3rd Place**, Card consumption pattern analysis visualization Contest

Dacon

2022 **7th Place**, 2022 data Analysis AI Contest, Seoul Metropolitan Government estimates of bike rental volume

DanKook, Univ

2022 **3rd Place**, Osan-si Data Analysis Contest, Analysis and utilization of data in Osan City

Osan

## Presentation

### 6th Pseudo Lab Conference for Data Science

KEY TO DATA LIMITS: SELF-SUPERVISED LEARNING

- Introduced the history of Self-Supervised Learning for Computer Vision.

SKT Supex Hall, Seoul, S.Korea

May. 2023

# Commnuities

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## PseudoLab

ADMIN

- 3rd Kaggle Meetup in Seoul Preparation for the event.
- Community Management for Data Science.
- OpenLab about Self-supervised Learning for Image representation.
- Research for Self-supervised Learning with  $+\alpha$  for Vision

*Linkdin, Discord, Community*

*Sep. 2022 - Present*