

SANG JUN PARK

+82-10-2740-5475 | wedm2401@korea.ac.kr

Research Interest

Generative Model, Medical AI, Multi-modal

PUBLICATIONS

Jun-Mo Kim*, WooHyeok Choi*, **Sang-Jun Park**, Keun-Soo Heo, Dong-Hee Shin, Young-Han Son, Ji-Hye Oh, and Tae-Eui Kam† “SeeEEG: Semantic-aware EEG-based Multi-Modal Retrieval-Augmented Generation for High-Fidelity Visual Brain Decoding”, **International Conference on Computer Vision (ICCV)**, 2025. (Under Review)

Bogyeong Kang, **Sang-Jun Park**, Minjoo Lim, Myeongkyun Kang, Keun-Soo Heo, Ji-Hye Oh, Hyun Jung Lee, and Tae-Eui Kam†, “Pre-to-Post Operative MRI Generation with Retrieval based Visual In-Context Learning”, **International Conference on Medical Image Computing and Computer Assisted Intervention (MICCAI)**, 2025. (Under Review)

Keun-Soo Heo, Ji-Wung Han, Soyeon Bak, Minjoo Lim, Bogyeong Kang, **Sang-Jun Park**, Weili Lin, Han Zhang, Dinggang Shen, and Tae-Eui Kam†, “Sparsely Labeled fMRI Data Denoising with Meta-Learning-Based Semi-Supervised Domain Adaptation”, **International Conference on Medical Image Computing and Computer Assisted Intervention (MICCAI)**, 2025. (Under Review)

Sang-Jun Park, Keun-Soo Heo, Bogyeong Kang, Minjoo Lim, and Tae-Eui Kam†, "Group-wise Compression and Summarization via LLM-based Ensemble for Chest X-ray Report Generation," **International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC)**, 2025. (Under Review)

Sang-Jun Park*, Keun-Soo Heo*, Dong-Hee Shin, Young-Han Son, Ji-Hye Oh, and Tae-Eui Kam†, "DART: Disease-aware Image-Text Alignment and Self-correcting Re-alignment for Trustworthy Radiology Report Generation," **IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR)**, 2025.

Daejin Choi†, **Sangjun Park** “Improving Binding Affinity by Emphasizing Local Features of Drug and Protein”, **Computational Biology and Chemistry**, 2025.

(* = co-author, † = corresponding author)

EDUCATION

Korea University Mar 2023 – Present
M.S. In Artificial Intelligence

Incheon National University Mar 2017 – Feb 2023
B.S. In Computer Science and Engineering

RESEARCH EXPERIENCE

MAILAB, Korea University (Prof. Tae-Eui Kam) Mar 2023 – Now
Researcher

- Generative Model, Multi-Modal, Medical AI (X-Ray Report Generation)

AIDML, Incheon National University (Prof. Daejin Choi) Dec 2021 – Feb 2023
Undergraduate Intern

- Drug-Discovery (Protein-Ligand binding affinity prediction)

SCHOLARSHIP & AWARD

Haesung Cultural Foundation (\$2,000)	Feb 2022
Hackaton Competition, Exllent Project (Sponsored by TikTok,Yanolja,LINE FRIENDS, ABLY, Wanted)	Nov 2021
KT Creative Innovation Leader (\$1,000)	Oct 2021

TEACHING EXPERIENCE

LG CNS for AI Constultant Practical Assistant • Subject : Data AI (Prof. Sejun Park)	Sep 2023 – Nov 2023
LG CNS for AI Constultant Practical Assistant • Subject : Machine Learning (Prof. Tae-Eui Kam)	May 2023 – Jun 2023

PROJECT

Point Language Model: Towards Commonsensible and Ethical Language Model (Supervised by Prof. SangKeun Lee, Prof. Jae-Ho Han and Prof. Tae-Eui Kam) Long-Term Video Understanding	Sep 2024 – Now
---	----------------

PATENT

A system and method for automatically generating chest X-ray reports using deep learning-based similar data retrieval (No. 10-2024-0125350)	
Deep Learning-Based Contrastive Learning for Automated Chest X-ray Report Generation (No. 10-2024-0114727)	