Gayoon Choi

gynchoi17@gmail.com | linkedin.com/in/gayoon-choi | github.com/gynchoi

Research Interest

Parameter Efficient Fine Tuning, Image Editing, Test Time Domain Adaptation

Education

Yonsei University — Seoul, Republic of Korea
- M.S. in Artificial Intelligence — Sep 2023 – *Present*
- Advisor: Prof. Seong Jae Hwang

Yonsei University — Seoul, Republic of Korea
- B.A in Economics / Minor: Computer Science and Engineering, Applied Statistics — Mar 2018 – Aug 2023
- GPA: 3.76/4.5

Research Experience

Research Intern in Medical Imaging & Computer Vision Lab @ Yonsei University — Oct 2022 - *Present*
- Project: Short-time PET Reconstruction in Parameter Efficient Fine Tuning Aspect

Publications *(* Equal contribution)*

[1] **Gayoon Choi**, Taejin Jeong, Sujung Hong, Jaehoon Joo, Seong Jae Hwang, "DragText: Rethinking Text Embedding in Point-based Image Editing", WACV 2025 (Early Accepted, AR $\leq 12.1\%$)

[2] Yumin Kim[*], **Gayoon Choi**[*], Seong Jae Hwang, "Parameter Efficient Fine Tuning for Multi-scanner PET to PET Reconstruction", MICCAI 2024

[3] **Gayoon Choi**, Yumin Kim, Seong Jae Hwang, "Transfer Relationships via Prompt Distillation for Medical Image Classification", Under Review

Academic Service

Conference Reviewer
- IEEE/CVF Winter Conference on Applications of Computer Vision (WACV), 2025

Teaching Experience

Yonsei University — Seoul, Republic of Korea
- Teaching Assistant of Deep Learning Introduction and Applications (Spring 2024)

Honors And Awards

Novelty Prize, YAICON — Dec 2023

First Prize, Pet Healthcare AI Hackathon — Dec 2022

Project Experiences

Real-time Sound Emotion Recognition on Edge Device — Apr 2024 - *Present*

Automated Prescription Recognition and Medication Curation Service — Apr 2023 - July 2023
- Funded by IHEI Workstation, Yonsei University

Technologies

Languages: Python, R, MATLAB, Java

Tools: Deep Learning Frameworks (Pytorch, Tensorflow), Python Libraries (Diffusers, MONAI, MMCV, etc), Git