

Gayoon Choi

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Research Interest

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

Education

Yonsei University

- M.S. in Artificial Intelligence
- Advisor: Prof. Seong Jae Hwang

Seoul, Republic of Korea
Sep 2023 – Present

Yonsei University

- B.A in Economics / Minor: Computer Science and Engineering, Applied Statistics
- GPA: 3.76/4.5

Seoul, Republic of Korea
Mar 2018 – Aug 2023

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

Academic Service

Conference Reviewer

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

Teaching Experience

Yonsei University

- Teaching Assistant of Deep Learning Introduction and Applications (Spring 2024)

Seoul, Republic of Korea

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

Multimodal Pet Health Care Service

Apr 2022 - Dec 2022

- 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