

Minjae Lee

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Education

Pohang University of Science and Technology (POSTECH) , Computer Science and Engineering	Pohang, South Korea Sept 2023 – present
<ul style="list-style-type: none"> Medical Information Processing Lab Advisor: Won Hwa Kim, Ph.D 	
Pohang University of Science and Technology (POSTECH) , Computer Science and Engineering	Pohang, South Korea Feb 2019 – Aug 2023
Incheon Science High School , Science	South Korea Mar 2017 – Feb 2019

Experience

Siemens Healthineers , Research Intern (2025.10.13 ~)	Princeton, NJ, USA Oct 2025 – present 7 months
Medical Information Processing Lab, POSTECH , Research Intern	Pohang, South Korea June 2022 – June 2023 1 year 1 month
<ul style="list-style-type: none"> Multi-Modal Alzheimer's disease classification MR image state transition GAN (MSGAN) 	
Influential , AI Research Intern & Web Frontend Developer	South Korea Sept 2021 – June 2022 10 months
<ul style="list-style-type: none"> Web Frontend Developer AI Research Intern (Text-to-Speech & Voice Conversion) 	
Computer Vision Lab, POSTECH , Research Intern	Pohang, South Korea Sept 2020 – Dec 2020 4 months
<ul style="list-style-type: none"> 3D Point transformer 	
Korea Platform Revolution , Software Developer Intern	South Korea July 2020 – Aug 2020 2 months
<ul style="list-style-type: none"> Software Developer 	

Publications

PR-MaGIC: Prompt Refinement Via Mask Decoder Gradient Flow For In-Context Segmentation	Jan 2026
* equal contribution	
Minjae Lee* , Sungwoo Hur*, Soojin Hwang, Won Hwa Kim (IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR) [Oral])	
Multi-Modal Graph Neural Network with Transformer-Guided Adaptive Diffusion for Preclinical Alzheimer Classification	Jan 2024
Jaeyoon Sim, Minjae Lee , Guorong Wu, Won Hwa Kim (Medical Image Computing and Computer Assisted Intervention (MICCAI))	

Teaching Experience

Deep Learning (CSED/AIGS 538), POSTECH , Teaching Assistant	Feb 2025 – June 2025
Operating Systems (CSED 312), POSTECH , Teaching Assistant	Sept 2024 – Dec 2024

Skills

Programming: Python, C/C++, JavaScript

Languages

Korean: Native speaker

English: Proficient

Interests

Research Interests: Multi-modal Deep Learning, Robotics, Foundation Models, Vision-Language Action Model