

Kyungjin Kim

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Education

Seoul National University Ph.D. Student, Electrical and Computer Engineering	Seoul, Republic of Korea 2024.03 –
Carnegie Mellon University Visiting Ph.D. student, School of Computer Science	Pittsburgh, PA, USA 2024.08 – 2025.02
Seoul National University B.S., Electrical and Computer Engineering	Seoul, Republic of Korea 2019.03 – 2024.02

Experience

Visiting Researcher , Language Technology Institute – Carnegie Mellon University - Multilingual Representation Learning for Medical NLP	Pittsburgh, PA, USA 2024.08 – 2025.02
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Publications

1. Youngro Lee†, **Kyungjin Kim**†, Jongmo Seo
- CLE-SH: Comprehensive Literal Explanation package for SHapley values by statistical validity, [Preprint](#)

Ongoing Research

Explainable AI for Multi-Label Chest X-ray Diagnosis: Layer-wise Grad-CAM with Hierarchical Feature Extraction	Under Review
Domain-Specific Multilingual Strategies for Medical NLP: A Cross-Lingual Analysis of Orthographic and Phonemic Representations	Under Review
Bridging Ensemble Performance and Transparency: Knowledge Distillation for Obesity Classification on KNHANES Dataset	Under Review
AI-driven Analysis on BMI and Metabolic Syndrome <ul style="list-style-type: none">• Collaborative Research with Department of Nephrology, Korea University Anam Hospital	Work in Progress
Interactive Visualization for Interpretable Machine Learning Results <ul style="list-style-type: none">• Collaborative Research with Graduate School of Data Science, Seoul National University	Work in Progress
Machine Learning Approach for Identifying Bowel Obstruction in Crohn's Disease <ul style="list-style-type: none">• Collaborative Research with Department of Radiology, Seoul National University Hospital	Work in Progress