

SangYeon Cho

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Master of Science in Engineering @ Department of AI, Chung-Ang University, Seoul 06964, Republic of Korea

Welcome!

"Let's do my best rather than be the best."

Hello, I'm Cho Sangyeon. I am currently a master's degrees at Chung-Ang University in Korea. I am interested in the fields of machine learning and deep learning engineers.

Research Interests

- Deep Learning
- Natural Language Processing
- Knowledge Distillation
- Multi-modal Representation Learning

Education

MS	Chung-Ang Univ , AI Engineering	2023.03 – 2025.02
	<ul style="list-style-type: none">• GPA: 4.32/4.5 (Transcripts)• Coursework: Multi-modal Learning, Knowledge Distillation• Advisor: Prof. Jungyeong Kim(Labs)	
BS	Kookmin Univ , Software Engineering	2017.03 – 2023.02
	<ul style="list-style-type: none">• GPA: 4.08/4.5 (Transcripts)• Coursework: Algorithms, Data Structure, Artificial Intelligence• Graduation Work	

Publications

Multi2Cap: Improving Automated Audio Captioning with Cross-modal Feature Distillation and Large Language Model	2024.11 <i>Under Review</i>
Sangyeon Cho , Jangyeong Jeon, Mingi Kim, Jaeho Han, Junyeong Kim*	
Annual Conference of the Nations of the Americas Chapter of the Association for Computational Linguistics (NAACL), 2025	
Synergy-CLIP: Extending CLIP with Multi-modal Integration for Robust Representation Learning	2024.09 <i>Under Review</i>
Sangyeon Cho , Jangyeong Jeon, Mingi Kim, Junyeong Kim*	
IEEE ACCESS, 2024	
BioBridge: Unified Bio-Embedding with Bridging Modality in Code-Switched EMR	2024.08
Jangyeong Jeon, Sangyeon Cho , Dongjoon Lee, Changhee Lee, Junyeong Kim*	
IEEE ACCESS, Volumn 12, 2024	
DSG-KD: Knowledge Distillation from Domain-Specific to General Language Models	2024.08
Sangyeon Cho , Jangyeong Jeon, Dongjoon Lee, Changhee Lee, Junyeong Kim*	
IEEE ACCESS, Volumn 12, 2024	
ConCSE: Unified Contrastive Learning and Augmentation for Code-Switched Embeddings	2024.07

Jangyeong Jeon, **Sangyeon Cho**, Minuk Ma, Junyeong Kim*
27th IEEE International Conference on Pattern Recognition (ICPR) [🔗](#)

A pediatric emergency prediction model using natural language process in the pediatric emergency department

2024.06
Under Review

Arum Choi, Chohee Kim, Jisu Ryoo, Jangyeong Jeon, **Sangyeon Cho**, Dongjoon Lee, Junyeong Kim, Changhee Lee*, Woori Bae*
Nature Scientific Reports, 2024

Experience

Lablup Inc., AI Research Assistants

Seoul, Republic of
Korea
2022.06 – 2022.09

- Contribute to the research team
- Developed ground truth data pre-processing module
- Predictive modeling of respiratory infectious disease transmission risk based on ground truth data of droplet spread
- Data augmentation modeling using GAN

Projects

119 Intelligent report reception voice recognition data construction

2023.01 - 2023.12

- building data pre-processing and analytics pipeline for speech recognition
- modeling dispatch decision-making for decision aids for guard officers
- Tools Used: Pyhon, SQL

Awards & Honors

Awards

IEIE Summer Conference, Encouragement Award	2024.06
SW-focused University Collaborative AI Competition, Encouragement Award	2022.09

Honors

Merit Scholarships	2022.09
Merit Scholarships	2022.03
S&T Foundation Scholarships	2022.02

Technologies

Languages: Python, C/C++, C#, Java, SQL, Scala

Credentials: ADsP