

Junmo Lee

[E-mail](#) • [Google Scholar](#) • [Github](#) • [LinkedIn](#)

RESEARCH INTEREST

Machine Learning/Data Science/Statistics

I am interested in various machine learning/data science/statistics topics.

- Transfer Learning
- Multi-modality Learning
- Diffusion process

EDUCATION

KAIST (Korea Advanced Institute of Science and Technology)

- Ph.D. in Industrial and Systems Engineering Mar 2025 – Present
 - Research Interest: Statistical Machine Learning/Data Science
 - Advisor: [Prof. Jeongyoun Ahn](#)
- Graduate GPA : 4.06/4.3

KAIST (Korea Advanced Institute of Science and Technology)

- M.S. in Industrial and Systems Engineering Mar 2023 – Feb 2025
 - Research Interest: Machine Learning on graphs, Natural Language Processing
 - Advisor: [Prof. Chanyoung Park](#)
- Graduate GPA : 4.1/4.3

KAIST (Korea Advanced Institute of Science and Technology)

- B.S. in Industrial and Systems Engineering Mar 2019 – Feb 2023
 - Advisor: [Prof. Heeyoung Kim](#)
- Graduate GPA : 3.92/4.3 (Magna Cum Laude)

POSITIONS

KAIST Statistical Data Science Lab

Mar 2025 – Present

Daejeon, Korea

- Ph.D. Student of KAIST SDS Lab
 - Advisor: [Prof. Jeongyoun Ahn](#)

KAIST Data Science & Artificial Intelligence Lab

Dec 2021 – Feb 2025

Daejeon, Korea

- Lab Intern/Undergraduate/Master Student of KAIST DSAIL Lab
 - Advisor: [Prof. Chanyoung Park](#)

KAIST Applied Artificial Intelligence Lab

Jul 2021 – Dec 2021

Daejeon, Korea

- Lab Intern of KAIST AAAI Lab
 - Advisor: [Prof. Il-Chul Moon](#)

PUBLICATIONS

CONFERENCES

[C2] Revisiting Fake News Detection: Towards Temporality-aware Evaluation by Leveraging Engagement Earliness
Junghoon Kim*, **Junmo Lee***, Yeonjun In, Kanghoon Yoon, Chanyoung Park
The 18th ACM International Conference on Web Search and Data Mining (**WSDM 2025**)

[C1] Class Label-aware Graph Anomaly Detection
Junghoon Kim, Yeonjun In, Kanghoon Yoon, **Junmo Lee**, Chanyoung Park
ACM International Conference on Information and Knowledge Management (**CIKM 2023**)
(Short Paper)

JOURNALS

[J1] Unsupervised Identification of Sleep Periods via Gaussian Mixture and Change Point Detection
Junmo Lee, Jiyu Moon, Hyonho Chun, Myung Hee Lee, Jeongyoun Ahn
(Ongoing)

PROJECTS

Individual Study on Conversational Recommender System

Apr 2022 – Jun 2022

	<ul style="list-style-type: none"> Individual Project with KAIST Data Science & Artificial Intelligence Lab <ul style="list-style-type: none"> Based on this research, awarded the Best prize of 2022 IE Frontier 	
	Building Knowledge Graphs for Search System	Dec 2021 – Jan 2022
	<ul style="list-style-type: none"> Lab Intern Project with KAIST Data Science & Artificial Intelligence Lab 	
	Clustering for Customized Healthcare Services	Jul 2021 – Aug 2021
	<ul style="list-style-type: none"> Lab Intern Project with KAIST Applied Artificial Intelligence Lab 	
AWARDS & SCHOLARSHIPS	Grand prize of Counter-Disinformation Challenge, KAIST	Dec 2024
	Grand prize of 2024 Industrial/Social Problem-Solving Poster Competition, KAIST	Nov 2024
	<ul style="list-style-type: none"> Research title : Revisiting Fake News Detection: Towards Temporality-aware Evaluation by Leveraging Engagement Earliness 	
	KAIST Development Foundation Chairman’s Award, KAIST	Mar 2023
	<ul style="list-style-type: none"> Awarded at the 2023 KAIST Graduation Ceremony 	
	Best prize of 2022 IE Frontier, KAIST	Nov 2022
	<ul style="list-style-type: none"> Research on Conversational Recommender System <ul style="list-style-type: none"> Advisor: Prof. Chanyoung Park 	
	Honor Student Award, KAIST	Spring 2022
	<ul style="list-style-type: none"> Academic Excellence Award for attaining a semester GPA of 4.1/4.3. 	
	Encouragement Award of KAIST-Postech-UNIST Data Science Competition	Fall 2021
	<ul style="list-style-type: none"> Problem 1 : Shale Gas Production Prediction for the next six months Problem 2 : Decision Making on Production Well Purchasing 	
ASSISTANT ACTIVITIES	Counseling Assistant	
	<ul style="list-style-type: none"> Counseling Assistant, KAIST 	Sep 2023 – Present
COMPUTING SKILLS	Programming Language	
	<ul style="list-style-type: none"> Python, R, previous experiences with Matlab and C 	
LANGUAGES	Korean (Native), English	
REFERENCES	Prof. Jeongyoun Ahn	
	Professor of Industrial and Systems Engineering KAIST (Korea Advance Institute of Science and Technology) jyahn@kaist.ac.kr • +82 (042) 350-3140	
	Prof. Chanyoung Park	
	Professor of Industrial and Systems Engineering KAIST (Korea Advance Institute of Science and Technology) cy.park@kaist.ac.kr • +82 (042) 350-3137	

[CV compiled on 2025-12-12]