

# Junmo Lee

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## 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
  - Research Interest: Statistical Machine Learning/Data Science
  - Advisor: [Prof. Jeongyoun Ahn](#)
- Graduate GPA : 4.06/4.3

Mar 2025 – Present

### KAIST (Korea Advanced Institute of Science and Technology)

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

Mar 2023 – Feb 2025

### KAIST (Korea Advanced Institute of Science and Technology)

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

Mar 2019 – Feb 2023

## POSITIONS

### KAIST Statistical Data Science Lab

Daejeon, Korea

Mar 2025 – Present

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

### KAIST Data Science & Artificial Intelligence Lab

Daejeon, Korea

Dec 2021 – Feb 2025

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

### KAIST Applied Artificial Intelligence Lab

Daejeon, Korea

Jul 2021 – Dec 2021

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

[CV compiled on 2025-12-12]