

Jiwoo Shin

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EDUCATION

Korea Advanced Institute of Science and Technology Daejeon, South Korea B.S. in Industrial and Systems Engineering & Computer Science (double major) <ul style="list-style-type: none">GPA: 3.77/4.3, Major GPA: 3.95/4.32 years leave of absence for mandatory military service (Oct 2022 - Jul 2024)	Mar 2019 – Present
Chungnam Science High School Chungnam, South Korea <ul style="list-style-type: none">Early graduation	Mar 2017 – Feb 2019

Work EXPERIENCE

Spiercore Inc. Biomedical AI	Dec 2024 - Feb 2025 Daejeon, South Korea
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RESEARCH EXPERIENCE

KAIST Applied Artificial Intelligence Laboratory Undergraduate Research Intern <ul style="list-style-type: none">Advisor: Prof. Il-Chul MoonResearch Topics: Retrieval-Augmented Generation (RAG)	Sep 2024 - Present Daejeon, South Korea
KAIST Applied Artificial Intelligence Laboratory Undergraduate Research Intern <ul style="list-style-type: none">Advisor: Prof. Il-Chul Moon, Ph.D. Mingi JiResearch Topics: Knowledge Distillation, Class Imbalance	Mar 2022 - Aug 2022 Daejeon, South Korea
KAIST Applied Artificial Intelligence Laboratory Undergraduate Research Intern <ul style="list-style-type: none">Advisor: Prof. Il-Chul MoonResearch Topics: NLP, Deep Generative Model	Dec 2021 - Feb 2022 Daejeon, South Korea
KAIST Financial Engineering Laboratory Undergraduate Research Intern <ul style="list-style-type: none">Advisor: Prof. Woo Chang KimResearch Topics: High Frequency Trading, Reinforcement Learning, Deep Learning	Jun 2021 - Aug 2021 Daejeon, South Korea

PUBLICATIONS

[1] "Nodes-in-Cluster Significance Score(NCSS): Keyword Extraction with Redefined TW-IDF using Stock News Text Data" Junhyeok Jung*, Kwanghyeon Lee*, **Jiwoo Shin***, Jieun Han*, Korea Computer Congress (KCC 2022, Poster)

AWARDS AND SCHOLARSHIPS

KAIST IE Frontier Encouragement Award <ul style="list-style-type: none">Undergraduate research competition hosted by the Department of Industrial and Systems Engineering	Nov 2022
Department Salutatorian Scholarship <ul style="list-style-type: none">Academic scholarship awarded to 2nd-place undergraduate student in the department	Spring 2022

Department Valedictorian Scholarship	Fall 2020
• Academic scholarship awarded to 1st-place undergraduate student in the department	

Dean's List	Fall 2020
• Top 3% of undergraduate students with outstanding academic performance	

ACTIVITIES

Helping exchange students adapt to Korean culture and campus life	
Student Council (Department of Industrial and Systems Engineering)	2020 - 2021
• Vice Representative (2020)	
• Vice President (2021)	

KAIST Buddy Program	Fall 2024
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