

Namkyeong Lee

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RESEARCH INTEREST

Graph Machine Learning

Anything connected to or can be represented as graphs.

- Graph Representation Learning (e.g., Self-supervised, Semi-supervised Learning on graphs)
- Graph Neural Networks for Chemistry and Bioinformatics
- Graph Neural Networks for Recommendation System

PUBLICATIONS

CONFERENCES

- [C2] GraFN: Semi-Supervised Node Classification on Graph with Few Labels via Non-Parametric Distribution Assignment
Junseok Lee, Yunhak Oh, Yeonjun In, **Namkyeong Lee**, Dongmin Hyun and Chanyoung Park
ACM SIGIR Conference on Research and Development in Information Retrieval (**SIGIR 2022**) (Short Paper)
- [C1] Augmentation-Free Self-Supervised Learning on Graphs
Namkyeong Lee, Junseok Lee, and Chanyoung Park
Thirty-Sixth AAAI Conference on Artificial Intelligence (**AAAI 2022**)

EDUCATION

KAIST (Korea Advanced Institute of Science and Technology)

- M.S. in Industrial and Systems Engineering Mar 2021 – Present
 - Research Interest: Graph Representation Learning, ML for Chemistry
 - Advisor: Prof. Chanyoung Park

Korea University

- B.S. in Industrial Management Engineering Mar 2015 – Feb 2021

POSITIONS

AIsoftKorea

Seoul, Korea

Jun 2020 – Mar 2021

- Co-founder of AI-based legal counseling startup company.
- Grand prize at Seoul Innovation challenge 2020.

Korean National Police Agency

Daejeon, Korea

Feb 2018 – Nov 2019

- Mandatory military service as department of operations and auxiliary police.

AWARDS & SCHOLARSHIPS

Grand Prize at Seoul Innovation Challenge 2020, Seoul Business Agency

Jan 2021

Barlaw: AI-based legal counseling start-up.
1st place among 444 teams.

Dean's List, Korea University

Spring 2019

Academic Excellence Award for attaining a semester GPA of 4.5/4.5.

Special Scholarship for the Student Affairs Office, Korea University

Fall 2019, Spring 2020

Veritas Scholarship, Korea University

Spring 2020

Research on optimize drone routing with trucks for on-demand services
Advisor: Prof. Taesu Cheong

Certificate, Korea National Police Agency

Fall 2018

An exemplary auxiliary police.

TEACHING EXPERIENCE

IE343: Statistical Machine Learning

Spring 2021, Spring 2022

Department of Industrial and Systems Engineering, KAIST
Teaching Assistant

CoE202: Basics of Artificial Intelligence

Fall 2021

Department of Industrial and Systems Engineering, KAIST
Teaching Assistant, Lab session for Recommendation system

REFERENCES

Prof. Chanyoung Park

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