# 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

**EDUCATION**

**KAIST (Korea Advanced Institute of Science and Technology)** Mar 2021 – Present

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

**Korea University** Mar 2015 – Feb 2021

- B.S. in Industrial Management Engineering

**POSITIONS**

**AISoftKorea** Jun 2020 – Mar 2021

Seoul, Korea

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

**Korean National Police Agency** Feb 2018 – Nov 2019

Daejeon, Korea

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

**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**)

**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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[*CV compiled on 2022-07-04*]