Seonghyun Park

shpark26@postech.ac.kr | (+82) 10.6869.1033 | www.linkedin.com/in/shpark26 | github/seonghyun26

PROFESSIONAL SUMMARY

I'm a graduate student in Computer Science and Engineering, at the Machine Learning Lab @ POSTECH advised by Sungsoo Ahn. I have studied graph neural networks (GNNs), especially the over-squashing phenomenon and have presented in "NeurIPS GLFrontiers workshop" in oral. I'm currently interested in 3D GNNs, molecules, and machine learning force fields!

Publications (Google scholar)

Non-backtracking Graph Neural Networks
Seongyhun Park[*], Narae Ryu[*], Gahee Kim, Dongyeop Woo, Se-Young Yun[**], Sungsoo Ahn[**]
NeurIPS 2023, Workshop GLFrontiers (Oral)

Diffusion Probabilistic Models for Structured Node Classification
Hyosoon Jang, **Seonghyun Park**, Sangwoo Mo, Sungsoo Ahn
NeurIPS 2023

PROFESSIONAL EXPERIENCES

BAGELCODE
Business Analyst (BA), Intern   Seoul, Korea | July.2021 – Aug. 2021
- Automation of Daily KPI (Key Performance Indicators) reports, by Tableau and PostgreSQL.
- Led a project capturing escape of newbies, organizing the effect of unconditional WINs.
- Analyzed the impact of the friend invitation feature, on the game economy. Discovered abusers and prevend data contamination of performance indicators, e.g., reachability, retention.

SELLERHUB
Product Manager (PM)   Seoul, Korea | June. 2020 – Sep. 2020

- Management of internal system: Gather requests from every department and selecting high priority request based on time matrix, coordinating with the development team.
- Customer inflow analysis: Identified entry barriers of customers starting from the landing page, based on click heatmap.
- Homepage renewal: Led a project for homepage renewal, design a UI/UX guideline with Figma, Framer, based on the customer inflow analysis.

EDUCATION

POSETCH | Master-Ph.D. Integrated course   **Pohang, Korea | Feb. 2023 – Current**
Machine Learning Lab, supervised by Sungsoo Ahn
POSETCH | Bachelor   **Pohang, Korea | Feb. 2019 – Feb. 2023**
Computer science and Engineering
INSA Lyon | Exchange student   **Lyon, France| Jan. 2022 – June. 2022**
BMINFO and Computer science

Other information

Language: Pytorch, PostgreSQL
Tools: Figma, Framer, Tableau
Interest: Piano, Guitar, table tennis