

YUNHUI JANG

uni5510@postech.ac.kr \diamond [yunhuijang.github.io](https://github.com/yunhuijang) \diamond process-mining.tistory.com (in Korean)

RESEARCH INTEREST

My research goal is to build generative models for structured data. Specifically, I focus on graph generative models, molecular generative models, AI4Science, etc. My previous research focused on

- Graph and small molecular generative models: C1, C2
- Implicit neural representations: C3

WORK EXPERIENCE

PuzzleData , Intern, Process mining & data analysis projects,	Seoul, South Korea / May 2020 - Aug 2020
Netmarble , Research intern, RNN-based anomaly detection,	Seoul, South Korea / Jul 2018 - Aug 2018
JoyCity , Intern, Data analysis on marketing KPIs,	Seoul, South Korea / Jun 2017 - Aug 2017

EDUCATION

POSTECH , M.S./Ph.D. in AI Graduate School (advisor: Prof. Sungsoo Ahn)	Sep 2022 - present
RWTH , Exchange student. in Computer Science	Mar 2019 - Feb 2020
POSTECH , B.S. in Industrial & Management Engineering - cum laude	Mar 2015 - Aug 2020

PUBLICATIONS

C: conference, J: journal, W: workshop, P: preprint / * equal contribution

- [C3] Hybrid neural representations for spherical data
Hyomin Kim, [Yunhui Jang](#), Jaeho Lee, Sungsoo Ahn
International Conference on Machine Learning (ICML), 2024
- [C2] A simple and scalable representation for graph generation
[Yunhui Jang](#), Seul Lee, Sungsoo Ahn
International Conference on Learning Representations (ICLR), 2024
NeurIPS GLFrontiers Workshop, 2023
- [C1] Graph generation with K^2 -trees
[Yunhui Jang](#), Dongwoo Kim, Sungsoo Ahn
International Conference on Learning Representations (ICLR), 2024
ICML Structured Probabilistic Inference & Generative Modeling Workshop, 2023

TEACHING

Teaching Assistant , POSTECH, CS105: Introduction to AI	Sep 2023 - Dec 2023
Teaching Assistant , LAIDD, Introduction to Geometric deep learning	Oct 2023 - Nov 2023
Teaching Assistant , POSTECH, CS490B: Introduction to machine learning	Sep 2022 - Dec 2022
Teaching Assistant , Hyundai Steel, AI expert course	Oct 2022 - Nov 2022

HONORS & AWARDS

Presidential Science Scholarship , South Korea, (\$70,000)	2024-present
Travel Award , ICLR (\$1,500)	2024
Bronze Prize in 30th Samsung Humantech Paper Awards , Samsung, (\$4,000)	2023
POSTECHIAN Fellowship , POSTECH, (\$3,000)	2022, 2023
RWTH Aachen University Exchange Scholarship , RWTH Aachen, (\$3,900)	2019
Realize Your Dream Scholarship , Blizzard Entertainment, (\$2,500)	2018
Presidential Science Scholarship , South Korea, (\$16,000)	2015-2020

SERVICES

Conference Reviewer: NeurIPS 2023, ICLR 2024, ICML 2024