

YUNHUI JANG

uni5510@postech.ac.kr \diamond yunhuijang.github.io \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.

WORK EXPERIENCE

PuzzleData , Intern	Seoul, South Korea / May 2020 - Aug 2020
Netmarble , Intern	Seoul, South Korea / Jul 2018 - Aug 2018
JoyCity , Intern	Seoul, South Korea / Jun 2017 - Aug 2017

EDUCATION

POSTECH , M.S./Ph.D. in AI Graduate School (advisor: Prof. Sungsoo Ahn)	Sep 2022 - Current
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

- [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
- [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
- [P1] Hybrid neural representations for spherical data
Hyomin Kim, Yunhui Jang, Jaeho Lee, Sungsoo Ahn
Under review

TEACHING

Teaching Assistant , POSTECH, CSED105: Introduction to AI	Sep 2023 - Dec 2023
Teaching Assistant , LAIDD, Introduction to Geometric deep learning	Oct 2023 - Nov 2023
Teaching Assistant , POSTECH, CSED490B: Introduction to machine learning	Sep 2022 - Dec 2022
Teaching Assistant , Hyundai Steel, AI expert course	Oct 2022 - Nov 2022

HONORS & AWARDS

Financial Assistance Award, ICLR	2024
Bronze Prize in 30th Samsung Humantech Paper Awards, Samsung	2023
POSTECHIAN Fellowship, POSTECH	2022, 2023
RWTH Aachen University Exchange Scholarship RWTH Aachen	2019
Realize Your Dream Scholarship, Blizzard Entertainment	2018
President's Science Scholarship, South Korea	2015-2020

SERVICES

Conference Reviewer: ICML 2023, NeurIPS 2023, ICLR 2024