YUNHUI JANG

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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 Geoemetric 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

Travel 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: NeurIPS 2023, ICLR 2024, ICML 2024