YEHJIN SHIN

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EDUCATION

Yonsei University   Seoul, Korea
M.S. in Computer Science   *Mar. 2023 – Aug. 2024 (tentative)*
- GPA 4.21 / 4.3
- Combined Bachelor's-Master's Degree Program Scholarships (full tuition waiver)

Yonsei University   Seoul, Korea
B.A. in Applied Statistics & B.S. in Computer Science   *Mar. 2019 – Feb. 2023*
- GPA 4.11 / 4.3
- Honors in 2020 spring semester (awarded to top 10 % of the students)
- Honors in 2021 spring semester (awarded to top 10 % of the students)

EXPERIENCE

Big Data Analysis Laboratory (BigDyl)   Seoul, Korea
Master's Student Researcher   *Mar. 2023 – Present*
- Advisor: Noseong Park
- Research Topic: Sequential Recommendation, Tabular Data Learning

Big Data Analysis Laboratory (BigDyl)   Seoul, Korea
Undergraduate Researcher   *Dec. 2021 – Feb. 2023*
- Advisor: Noseong Park
- Research Topic: Tabular Data Synthesis, Time series Imputation

Mondrian AI   Incheon, Korea
Data Scientist Intern   *Jun. 2021 – Aug. 2021*
- Project: Prediction of infectious diseases using SIR, SEIR, SVEIR, SEIHR, ARIMA
- Skills: Tableau, R, Python

PUBLICATIONS

INTERNATIONAL CONFERENCES

[C4] Polynomial-based Self-Attention for table representation learning | *ICML 2024*
- *Jayoung Kim,* **Yehjin Shin**, *Jeongwhan Choi, Hyowon Wi and Noseong Park*

[C3] An Attentive Inductive Bias for Sequential Recommendation beyond the Self-Attention | *AAAI 2024*
- **Yehjin Shin***, *Jeongwhan Choi*, Hyowon Wi and Noseong Park*

[C2] Continuous-time Autoencoders for Regular and Irregular Time Series Imputation | *WSDM 2024*
- *Hyowon Wi,* **Yehjin Shin**, *Noseong Park, Sungpil Woo, Sunhwan Lim*

[C1] SOS:Score-based Oversampling for Tabular Data | *KDD 2022*
- *Jayoung Kim*, Chaejeong Lee*,* **Yehjin Shin**, *Sewon Park, Minjung Kim, Noseong Park and Jihoon Cho*

PREPRINT

[P1] Graph Convolutions Enrich the Self-Attention in Transformers! | *Preprint*
- *Jeongwhan Choi*, Hyowon Wi*, Jayoung Kim,* **Yehjin Shin**, *Kookjin Lee, Nathaniel Trask and Noseong Park*

Leadership and Extracurriculars

YBIGTA   Yonsei Univ.
Core Member of Data Science & Data Engineering Team   *Jul. 2020 – Jun. 2022*
- Data Science Team: Machine Learning, Computer Vision, Natural Language Processing
- Data Engineering Team: Distributed systems such as Hadoop, Spark, Kafka
- Projects: Kpop Twitter, InsideOut Chatbot, AI Fitness Application
- Industry Academic Co-operation: Albiti, Life Planning Lab

Yundongjoo House   Yonsei Univ.
Residential Assistant   *Mar. 2020 – Dec. 2021*
- Mentored freshmen to assist with their transition to college life
- Designed and implemented extracurricular programs for freshmen
- Served as Vice Chief RA in Spring 2021 and advanced to Chief RA in Fall 2021

Skills

Language Proficiency
- Native in Korean
- Proficient in English

Programming Languages
- Python, R, C++, Java
- PyTorch, Scikit-learn, Tensorflow

Certificates

- **SQLD** SQL Developer | *2021*

- **ADSP** Advanced Data Analytics Semi-Professional | *2021*