

Yin Hanyang

Master's student, The University of Tokyo

Department of General Systems Studies, Graduate School of Arts and Sciences

Education

The University of Tokyo — M.A. in General Systems Studies (Apr 2025–)

Meiji University — B.Sc. in Mathematics (Apr 2021–Mar 2025)

• Academic Excellence Award (2025)

Research Experience

Causal Discovery via Continuous Optimization (2025–)

Developing continuous-optimization DAG learning algorithms, including Gumbel-Softmax relaxations and coordinate-descent methods.

Exploring Mirror Descent, AGD, and stochastic optimization.

Hyperparameter Selection for Causal Discovery Algorithms (Undergraduate Thesis, 2024–2025)

Studied sensitivity and stability in continuous-optimization causal discovery models.

Internship Experience

Fujitsu — Data Scientist Intern (Sep 2025–)

GMO Internet Group — AI Engineer Intern (Sep 1–5, 2025)

Projects

1. Fraud Transaction Detection Model Development (Apr–Aug 2025)
2. Kitakyushu City Garbage Classification Chatbot (Sep 2025)
3. Kaggle Make Data Count (MDC) — Silver Medal (Team, Sep 2025)
4. Kaggle MAP — Silver Medal (Solo, Oct 2025)
5. Energy Forecasting via Causal Discovery (Oct 2025–)

Skills

Programming: Python, Java, C

Machine Learning: Causal discovery, optimization algorithms, anomaly detection, LLM fine-tuning, RAG, ensemble learning

Tools: PyTorch, TensorFlow/Keras, scikit-learn, LightGBM, XGBoost, Optuna

Other Achievements: Kaggle Silver x2; Academic Excellence Award

Links

Homepage: <https://superyin37.github.io/>

GitHub: github.com/superyin37

Email: superxiaoyin@gmail.com

Blog: <https://organic-mouth-d7b.notion.site/Yin-Hanyang-s-Notion-1da2b82ea552808abd8aecef24553f6a>