

Manh Tuan Do, Ph.D. Candidate

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🔗 Google Scholar

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Experience

- 2019 – 2024 📌 **Research Assistant** at Data Mining Lab, KAIST.
(Hyper)Graph Mining and Learning.
- 2019 – 2023 📌 **Teaching Assistant** at Kim Jaechul Graduate School of AI, KAIST.
AI607: Graph Mining & Social Network Analysis.
EE210: Probability and Introductory Random Processes.
- 2020 – 2024 📌 **Academic Reviewer** at Data Mining Lab, KAIST.
Big Data Research Journal.
KDD, WWW, ICDM, CIKM, SDM Conferences.
- 2018 – 2019 📌 **Research Intern** at Laboratory of Brain and Machine Intelligence, KAIST.
Meta-learning for Reinforcement Learning.
- 2016 – 2019 📌 **Academic Tutor** at KAIST.
Calculus, Linear Algebra, and Convex Optimization.

Education

- 2019 – 2024 📌 **Ph.D. Artificial Intelligence, KAIST.** Seoul, Republic of Korea.
Research Areas: *Data Mining and Machine Learning*.
- 2015 – 2019 📌 **B.Sc. Electrical Engineering, KAIST.** Daejeon, Republic of Korea.
Double Major in *Mathematical Sciences*.

Research Publications

Conference Proceedings



- 1 M. T. Do and K. Shin, “Unsupervised alignment of hypergraphs with different scales,” in *Pre-print (Under Reviews)*, 2023.
- 2 M. T. Do, S.-e. Yoon, B. Hooi, and K. Shin, “Structural patterns and generative models of real-world hypergraphs,” in *KDD*, 2020.

Journal Articles



- 1 M. T. Do, N. Park, and K. Shin, “Two-stage training of graph neural networks for graph classification,” *Neural Processing Letters*, vol. 55, no. 3, pp. 2799–2823, 2023.
- 2 M. T. Do and K. Shin, “Improving the core resilience of real-world hypergraphs,” *Data Mining and Knowledge Discovery*, vol. 37, no. 6, pp. 2438–2493, 2023.

Miscellaneous Experience

Outreach Services

- 2016-2019  **Student Assistant**, International Scholar & Student Services, KAIST.
- 2016-2017  **Team Leader**, Global Outreach Program, KAIST.

Student Clubs


- 2015-2017  **Event Coordinator**, BizWorld, KAIST.
- 2015-2016  **Director of Events**, KAIST International Student Association.

References

Professor Kijung Shin


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