

LUU HUU PHUC

Curriculum Vitae

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 [phucdoitoan](https://github.com/phucdoitoan)

 [phucdoitoan.github.io](https://github.com/phucdoitoan.github.io)

Education

2020 - Now	M.Sc. in Intelligence Science and Technology. <i>Kyoto University.</i> <i>Representative of the graduate school (out of ~180 students) to attend the university graduation ceremony.</i>	GPA: 4.20 / 4.3
2016 - 2020	B.Eng. in Informatics and Mathematical Science. <i>Kyoto University.</i>	GPA: 3.57 / 4.3
2015 - 2016	Preparatory Course. <i>Tokyo University of Foreign Studies.</i>	
2012 - 2015	Talented Program for B.Sc. in Mathematics. <i>Hanoi University of Science, Vietnam.</i>	

Experience

Dec 2020 - Feb 2021	Research Internship. Artificial Intelligence Laboratory, Fujitsu Research, Fujitsu Ltd. <i>Worked on Molecular Property Prediction with Graph Neural Networks. Performed systematic paper review. Benchmarked core GNN models. Improved the company's model and attended in competitions. Achievement: Fourth place in MIT AICures's "Fighting Secondary Effects of Covid" challenge. (Link)</i>
April 2020 - Now	Research Assistant. Machine Learning and Data Mining Research Laboratory, Kyoto University. <i>Worked on the application of Optimal Transport in Link Prediction problems. Achievement: Two papers published in refereed conferences.</i>

Papers

- **Simultaneous Link Prediction on Unaligned Networks Using Graph Embedding and Optimal Transport.** Luu Huu Phuc, Koh Takeuchi, Makoto Yamada, Hisashi Kashima. *2020 IEEE 7th International Conference on Data Science and Advanced Analytics (DSAA)*, 2020, pp. 245-254. ([Paper](#), [Pdf](#), [Code](#))
- **Inter-domain Multi-relational Link Prediction.** Luu Huu Phuc, Koh Takeuchi, Seiji Okajima, Arseny Tolmachev, Tomoyoshi Takebayashi, Koji Maruhashi, Hisashi Kashima. *Joint European Conference on Machine Learning and Knowledge Discovery in Databases (ECML-PKDD)*, 2021, pp. 285-301. ([Paper](#), [Pdf](#), [Code](#))

Awards

2020 - 2022	The Japanese Government (MEXT) Scholarship Program. <i>Two-year grant of fully funded master's study in Japan.</i>
2015 - 2020	The Japanese Government (MEXT) Scholarship Program. <i>Five-year grant of fully funded bachelor's study in Japan. Four candidates were granted in Vietnam at the year.</i>
2013 - 2015	General Electric Foundation Scholar-Leaders Program Vietnam. <i>Three-year grant (2013 - 2016, US\$ 3.450) of bachelor's study in Vietnam. Top 10 candidates selected nationwide.</i>
2012	Second Prize in Vietnam National Mathematical Olympiad (VMO). <i>The most prestigious high-school student Olympiad in Vietnam. Multi-round pre-qualification at the provincial level. Around 400 qualified students being granted to compete at the national level.</i>

Skills

Machine Learning	Graph Mining, Graph Neural Networks, Optimal Transport
Tools	Python, Pytorch, Pytorch Geometric, Numpy, Pandas
Languages	Vietnamese (Native) • English (Fluent, TOEIC 965/990, cert.) • Japanese (Proficient)