

# Thi Linh Hoang

Hanoi, Vietnam

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## Education

### University of Engineering and Technology, VNU Hanoi

Hanoi, Vietnam

- Bachelor of Science, Major in Information Technology, GPA: 3.66/4.00
- Master of Science, Major in Computer Science

Aug 2017–Jul 2021

Dec 2021–Aug 2023 (expected)

## Research Experience

### Research Assistant, HMI Lab, UET-VNU Hanoi

Jan 2021–present

- Supervisor: Dr. Viet Cuong Ta
- Research topic: Graph Representation Learning, Dynamic Graph, Machine Learning.

### Fellow, FATIMA FELLOWSHIP

May 2022–Mar 2023

- Mentor: Muhammed Fatih Balin
- Research topic: Sampling for training Graph Neural Networks.

## Publications

- **T. L. Hoang**, T. D. Pham and V. C. Ta, "Improving Graph Convolutional Networks with Transformer Layer in social-based items recommendation", in *The International Conference on Knowledge and Systems Engineering (KSE)*, 2021.
- **T. L. Hoang** and V. C. Ta, "Effect of Cluster-based Sampling on the Over-smoothing Issue in Graph Neural Network", in *The International Conference on Knowledge and Systems Engineering (KSE)*, 2022.
- **T. L. Hoang** and V. C. Ta, "Dynamic-GTN: Learning an Node Efficient Embedding in Dynamic Graph with Transformer", in *The Pacific Rim International Conference on Artificial Intelligence (PRICAI)*, 2022 (presented at the best-paper session).

## Awards & Honors

- **Masters Scholarship** Dec 2022  
*Vingroup Innovation Foundation (VINIF)*
- **Outstanding Thesis Defense** Jun 2021  
*Faculty of Information Technology, UET-VNU*
- **Outstanding youth awards** Oct 2018  
*University of Engineering and Technology, VNU*
- **The Semester Excellence Scholarship** 2017-2020  
*University of Engineering and Technology, VNU*

## Review activities

- Invited reviewer for academic journals: IEEE Transactions on Neural Networks and Learning Systems (TNNLS) Special Issue on "Graph Learning" 2023.

## Teaching Experience

- **University of Engineering and Technology, VNU Hanoi** 2021-2023  
Teaching Assistant for undergraduates to prepare lab, help office hours, grade assignments, and prepare exams for these courses: Artificial Intelligence, Data Structure and Algorithm, Machine Learning, Computer Networking, and Introduction to Programming.

## Skills

- **Programming:** Python, Pytorch, DGL, C++.
- **Languages:** English, Vietnamese (Native).