

KHANH DOAN

[Email](#) ◊ [Website](#) ◊ [Github](#) ◊ [LinkedIn](#)

RESEARCH INTERESTS

My research focuses on Deep Generative Models, including Diffusion Models, Consistency Models, and Auto-Regressive Models. I am particularly interested in improving generation quality and computational efficiency in both the training and inference stages.

EDUCATION

Bachelor of Computer Science, Hanoi University of Science and Technology 2018 - 2023

- GPA: 3.59/4.0, Major GPA: 3.67/4.0

High school, Math group, Le Hong Phong High School for the Gifted, Ninh Binh 2015 - 2018

AWARDS

Second Prize in Ministerial Science and Technology Award for Students in Higher Education Institutions 2022

Excellent (A-class) Study Encouragement Scholarship at Hanoi University of Science and Technology 2021

Gold Medals for both Algebra and Calculus, Group A, Vietnamese Mathematical Olympiad for college students, Vietnam Mathematical Society (VMS) 2019

Second Prize in Vietnamese Mathematical Olympiad (VMO) 2018

Third Prize in Vietnamese Mathematical Olympiad (VMO) 2017

RESEARCH EXPERIENCE

Research resident Apr 2025 - Now
Qualcomm AI Research *Gia Lam, Hanoi, Vietnam*

- Diffusion Language Models, Quantization

Research resident Aug 2023 - Mar 2025
VinAI Research *Gia Lam, Hanoi, Vietnam*

- Diffusion Models, Consistency Models and applications

Research assistant Aug 2021 - Jun 2023
ICN Lab *HUST, Hanoi, Vietnam*

- Applied Artificial Intelligence in Healthcare
- Federated Learning

PUBLICATIONS

Quan Dao^{*†}, Khanh Doan^{*}, Di Liu, Trung Le, Dimitris Metaxas 2025
Improved Training Technique for Latent Consistency Models (ICLR)

Quyen Tran*, Tung Lam Tran*, Khanh Doan, Toan Tran, Dinh Phung, Khoat Than, Trung Le 2025
Boosting Multiple Views for pretrained-based Continual Learning (ICLR)

Anh Bui, Long Vuong, Khanh Doan, Trung Le, Paul Montague, Tamas Abraham, Dinh Phung 2024
Erasing Undesirable Concepts in Diffusion Models with Adversarial Preservation (NeurIPS)

Cuong Nguyen, Cuong Dao, Thanh Nguyen, Khanh Doan, Le Nguyen, Hung Nguyen 2022
Deep Reinforcement Learning-Based Charging Algorithm for Target Coverage and Connectivity in WRSNs

Hoang Phan, Long Nguyen, Long Nguyen, Khanh Doan 2021
Matching the statements: A simple and accurate model for key point analysis (EMNLP-W)