

AN NGUYEN THE

+(84) 0352114908 ◇ Hanoi, Vietnam

[Homepage](#) ◇ [Email](#) ◇ [Linkedin](#) ◇ [Github](#) ◇ [Google Scholar](#)

RESEARCH INTERESTS

My current research focuses on the theoretical foundations of Transformers and its connections to other fields. Besides, I'm also working on Equivariant models.

EDUCATION

Bachelor of Data Science and Artificial Intelligence, 2020 - 2024

Hanoi University of Science and Technology - *Valedictorian*

Cumulative GPA: 4.0/4.0

High school degree, Bac Ninh Specialized High school 2017 - 2020

Major in Mathematics

RESEARCH EXPERIENCE

Research Resident Apr 2024 - Now

FPT Software AI Center

Hanoi, VietNam

Advisors: Dr. Thieu Vo and Prof. Tan Nguyen

- Working on the fundamentals of Transformers and Equivariant models.

Research Member Sep 2022 - Jul 2024

Data Science Laboratory

BKAI, HUST

Advisor: Dr. Linh Ngo Van

- Trained with many skills in Machine Learning and Statistics
- Currently working in Continual Learning research team

PUBLICATIONS

1. Minh Le, **An Nguyen***, Huy Nguyen*, Trang Nguyen*, Trang Pham*, Linh Van Ngo, Nhat Ho. [Mixture of Experts Meets Prompt-Based Continual Learning](#) . *Advances in Neural Information Processing Systems (NeurIPS 2024)*
2. Hoang V. Tran*, Thieu N. Vo*, Tho H. Tran, **An T. Nguyen**, Tan Minh Nguyen. [Monomial Matrix Group Equivariant Neural Functional Networks](#) . *Advances in Neural Information Processing Systems (NeurIPS 2024)*
3. Minh Le*, Tien Ngoc Luu*, **An Nguyen The***, Thanh-Thien Le, Trang Nguyen, Thanh Tung Nguyen, Linh Ngo Van, Thien Huu Nguyen. [Adaptive Prompting for Continual Relation Extraction: A Within-Task Variance Perspective](#) **Oral Presentation**. *AAAI Conference on Artificial Intelligence (AAAI 2025)*
4. Hoang V. Tran*, Thieu Vo*, **An Nguyen The***, Tho Tran Huu, Minh-Khoi Nguyen-Nhat, Thanh Tran, Duy-Tung Pham, Tan Minh Nguyen. [Equivariant Neural Functional Networks for Transformers](#). *International Conference on Learning Representations (ICLR 2025)*

PREPRINTS

1. Thieu N. Vo*, Hoang V. Tran*, Tho Tran Huu, **An T. Nguyen**, Thanh Tran, Minh-Khoi Nguyen-Nhat, Duy-Tung Pham, Tan Minh Nguyen. [Equivariant Polynomial Functional Networks](#) . *Under review, arXiv:2410.04213*

AWARDS

- Scholarship for Students with Excellent Academic Records (6 semesters) - Hanoi University of Science and Technology
- Valedictorian certificate - Hanoi University of Science and Technology
- Outstanding valedictorians graduating from universities and academies in Hanoi in 2024

- Rising AI Pioneer 2024 - FPT Software AI Center

SKILLS

Programming	Python, Java
Technical	Math, Statistics, Machine Learning
Libraries	Numpy, Pandas, Pytorch, Scikit-learn, Selenium

LANGUAGE

Vietnamese	Native
English	Advanced (IELTS 7.5)

REFERENCES

- Professor Tan Nguyen - National University of Singapore (NUS)
- Dr. Thieu Vo - National University of Singapore (NUS)
- Dr. Linh Ngo Van - Data Science Laboratory, HUST