

AN NGUYEN THE

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[homepage](#) ◇ [email](#) ◇ [linkedin](#) ◇ [github](#) ◇ [google scholar](#)

OBJECTIVE

An graduated student majoring in Data Science and Artificial Intelligence with an interest in Machine Learning.

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

SKILLS

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

LANGUAGE

Vietnamese Native
English Advanced (IELTS 7.5)

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 State space models 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

RESEARCH INTERESTS

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

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)*

PREPRINTS

1. Hoang V. Tran*, Thieu N. Vo*, **An T. Nguyen***, Tho Tran Huu, Minh-Khoi Nguyen-Nhat, Thanh Tran, Duy-Tung Pham, Tan Minh Nguyen. [Equivariant Neural Functional Networks for Transformers](#) . *Under review, arXiv:2410.04209*

2. 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
- Valedictorian certificate - Hanoi University of Science and Technology
- Outstanding valedictorians graduating from universities and academies in Hanoi in 2024

REFERENCES

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