AN NGUYEN THE

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homepage ⋄ email ⋄ linkedin ⋄ github ⋄ google scholar

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.

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 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

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](). *AAAI Conference on Artificial Intelligence (AAAI 2025)*

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

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