LE NHUT NAM

Department of Computer Science, Faculty of Information Technology · University of Science,
Vietnam National University - Ho Chi Minh City
227, Nguyen Van Cu Street, Cho Quan Ward · Ho Chi Minh City, 700000
lnnam@hcmus.edu.vn · +84 (964) 614 552
namln.org · GitHub

EDUCATION

12/2023 – 12/2025 **M.S. in Applied Mathematics**

Faculty of Mathematics and Computer Science · University of Science, VNU-HCM

· Thesis: *Qualitative Properties of k-Center Problems*

· Advisor: Assoc Prof. Dr. Vo Si Trong Long

· Coursework: Convex Analysis, Non-linear Programming, Multi-Objectives Programming, Optimization Algorithms, Mathematical Modeling in Economics, Stochastic Processes, Statistical Modeling, Differential Equations, Partial Differential Equations, Numerical Analysis, Complex Analysis, Convex Analysis and Optimization, Functional Analysis

12/2022 – 12/2024 **M.S. in Computer Science**

Faculty of Information Technology · University of Science, VNU-HCM

· Thesis: *Temporal Knowledge Graph Reasoning based on Reinforcement Learning*

· Advisor: Prof. Dr. Le Hoai Bac, Dr. Vu Thanh Hung

· Coursework: Data Mining, Machine Learning, Deep Learning, Computer Vision, Digital Image Processing, Mathematical methods for Computer Science, Mathematical methods for AI, Data Analysis

09/2018 – 09/2022 **B.S. in Computer Science**

Faculty of Information Technology · University of Science, VNU-HCM

RESEARCH INTERESTS

Partial Differential Equations, Mathematical Programming, Continuous Optimization.

PUBLICATIONS

Research Outcomes: B.S and M.S. in Computer Science (2022–2024)

Peer-Reviewed Journal Articles

1. Le, T., **Le, N.**, & Le, B. (2023). Knowledge graph embedding by relational rotation and complex convolution for link prediction. *Expert Systems with Applications*, 214, 119122. Elsevier.

Conference Proceedings

1. Luu, T., **Le, N.**, Le, D., & Le, B. (2025). From Visual Explanations to Counterfactual Explanations with Latent Diffusion. In *2025 IEEE/CVF Winter Conference on Applications of Computer Vision (WACV)* (pp. 420–429). IEEE.

2. **Le, N.**, Le, T., & Le, B. (2025). Improving Temporal Knowledge Graph Forecasting via Multi-rewards Mechanism and Confidence-Guided Tensor Decomposition Reinforcement Learning. In *17th International Conference on Agents and Artificial Intelligence (ICAART)*.

3. **Le, N.**, Le, T., & Le, B. (2025). Improving Temporal Knowledge Graph Completion via Tensor Decomposition with Relation-Time Context and Multi-time Perspective. In *17th International Conference on Agents and Artificial Intelligence (ICAART)*.

4. Le, T., **Le, N.**, & Le, B. (2022). Embedding Model with Attention over Convolution Kernels and Dynamic Mapping Matrix for Link Prediction. In *Asian Conference on Intelligent Information and Database Systems (ACIIDS)* (pp. 234–246). Springer.

HONORS & AWARDS

2023 – 2025	**Graduate Scholarship for Master Course in Applied Mathematics** University of Science, VNU-HCM
2022 – 2024	**Graduate Scholarship for Master Course in Computer Science** University of Science, VNU-HCM
12/2022	**Excellence in Thesis Research Award for Undergraduate Students** University of Science, VNU-HCM
12/2022	**Excellence in Computer Science** (Bachelor's Degree with Very Good Performance) University of Science, VNU-HCM
05/2018	**High School Graduation with Very Good Performance** Hoang Le Kha High School For The Gifted

TEACHING EXPERIENCE

University of Science, VNU-HCM   2022 – Present

Teaching Assistant for Graduate Courses

· MTH084 – Machine Learning with Graphs

Teaching Assistant for Undergraduate Courses

· CSC14115 – Applied in Data Science
· CSC14101 – Data Hiding and Secret Sharing
· CSC10004 – Data Structures and Algorithms
· CSC14004 – Data Mining and Applications
· CSC10108 – Data Visualization
· CSC14003 – Fundamental of Artificial Intelligence
· CSC10012 – Fundamental of Programming
· CSC10012 – Introduction to Programming
· CSC14119 – Introduction to Data Science
· CSC14005 – Introduction to Machine Learning
· CSC14118 – Introduction to Big Data
· CSC00004 – Introduction to Information Technology
· CSC17103 – Graph Mining
· CSC14120 – Parallel Programming
· CSC17104 – Programming for Data Science
· CSC18103 – Swarm Intelligence
· CSC18104 – Introduction to Multi-Agent
· MTH00050 – Mathematical Combinatorics

SKILLS

Languages: English (Intermediate), Vietnamese (Native), Russia (Beginner)

Programming: Python, MATLAB, C++, LaTeX, PyTorch