

Linh Le Pham Van

Geelong, VIC, 3216

Email: lephamvanlinh@gmail.com | [LinkedIn](#) | [GitHub](#) | [Google Scholar](#) | [Personal website](#) | ☎: (+61) 406 879 969

EDUCATION

A2I2 Applied Artificial Intelligence Institute

Oct 2022 – Present

Deakin University

Geelong, Australia

- **Ph.D. in Computer Science: Machine Learning and Reinforcement Learning.**
- **Supervisors:** *Prof. Sunil Gupta, Dr. Hung Tran The, and Dr. Hung Le.*
- **Expected Thesis Submission Date:** March 2026.

VNU University of Engineering and Technology

Sept 2016 – July 2020

Vietnam National University, Hanoi

Hanoi, Vietnam

- **Information Technology (Honors Program).**
- **GPA:** 3.71 (ranked 11th of the university).
- **Degree classification:** High distinction.

RESEARCH INTEREST

My research interests center on Machine Learning, with a current focus on Reinforcement Learning (RL) in offline, online, and offline-to-online settings. I work on Transfer Learning, Robustness, Generalization, and In-context RL problems, aiming to develop scalable, sample-efficient RL algorithms for real-world applications such as robotics and large language models (LLMs). I am also interested in the applications of Diffusion Models and Foundation Models (LLMs/VLMs) within the context of RL.

PUBLICATIONS

- Minh Hoang Nguyen, **Linh Le Pham Van**, Thin Nguyen, Hung Le, “*CLAP: Multi-Step Action-to-Goal Planning via Causality-Guided LLM Agents*”, Under Review 2025.
- **Linh Le Pham Van**, Minh Hoang Nguyen, Duc Kieu, Hung Le, Hung The Tran, Sunil Gupta, “*DmC: Nearest Neighbor Guidance Diffusion Model for Offline Cross-domain Reinforcement Learning*”, 8th GenPlan workshop at AAAI, 2025, and ECAI 2025.
- **Linh Le Pham Van**, Minh Hoang Nguyen, Hung Le, Hung The Tran, Sunil Gupta, “*Hybrid Cross-domain Robust Reinforcement Learning*”, ECML PKDD, 2025.
- Minh Hoang Nguyen, **Linh Le Pham Van**, Thommen Karimpanal George, Sunil Gupta, Hung Le, “*Beyond the Known: Decision Making with Counterfactual Reasoning Decision Transformer*”, IJCAI, 2025.
- **Linh Le Pham Van**, Hung The Tran, Sunil Gupta, “*Policy Learning for Off-Dynamics RL with Deficient Support*”, AAMAS, 2024.
- **Linh Le Pham Van**, Quang Bach Tran, Tien Lam Pham, Quoc Long Tran, “*Node-aware convolution in Graph Neural Networks for Predicting molecular properties*”, KSE, 2020.

EXPERIENCE

PhD student, A2I2, Deakin University

Oct 2022 - Now

Supervisors: Prof. Sunil Gupta, Dr. Hung Tran The, Dr. Hung Le

Geelong, Australia

- Research about Reinforcement Learning.

Research assistant, UET AILab, Vietnam National University

Sep 2020 - Jul 2022

Advisor: Dr. Quoc Long Tran

Hanoi, Vietnam

- Medical image translation: Build tool for medical data annotation; Build a model to translate the CT scans to the PET images.
- Automated EF calculator: Research and develop methods for predicting ejection fraction from echocardiography video.

Teaching assistant, Vietnam National University

Sep 2020 - Jul 2022

Advisor: Dr. Quoc Long Tran

Hanoi, Vietnam

- Teaching assistant for the Computer science courses: Introduction to Informatics, Advanced Programming, Data Structures and Algorithms, Image Processing.

PROFESSIONAL SERVICES

Reviewer: TMLR, RLC (2025), ECML (2025), ACML (2025), EWRL (2025).

HONORS AND AWARDS

- Certificate of merit awarded by the VNU University of Engineering and Technology for Outstanding student of the entire course - July 2020.
- Excellent student, VNU University of Engineering and Technology - 2017, 2019.
- 1st Digital Race FPT (Autonomous car competition) 2019, round UET - January 2019.

TECHNICAL SKILLS

Programming Languages: Python, C/C++, Java, C#, Javascripts.

Deep Learning Frameworks: Pytorch, Tensorflow, Jax.

Others: Sklearn, OpenCV, OpenAI Gym, Numpy, Pandas, Matplotlib, Ollama, etc.

Tools: Git, Slurm, Docker, etc.

REFERENCES

The following individuals have agreed to serve as references and can provide insight into my qualifications and experience. Please contact me before reaching out to them.

Prof. Sunil Gupta

Head, AI, Optimisation and
Materials Discovery

A2I2, Deakin University

Email: sunil.gupta@deakin.edu.au

Dr. Hung The Tran

Head of AI Center

VNPT Media

Email: tranthehung@vnpt.vn

Dr. Hung Le

Senior Research Lecturer

A2I2, Deakin University

Email: thai.le@deakin.edu.au