Linh Le Pham Van

(+84) 961 088 193| lephamvanlinh@gmail.com | https://www.linkedin.com/in/linhlpv/

EDUCATION

A2I2 Applied Artificial Intelligence Institute   Oct 2022 – Present
Deakin University   *Geelong, Australia*
- **PhD in Computer Science: Machine Learning and Reinforcement Learning.**
- **Supervisors:** *Prof.* Sunil Gupta and *Dr.* Hung Tran The

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.

EXPERIENCE

A2I2 | *PhD Student | Supervisors: Prof. Sunil Gupta and Dr. Hung Tran The* Oct 2022 - Present
A2I2 Applied Artificial Intelligence Institute - Deakin University   *Geelong, Australia*
- Research about Reinforcement Learning.

UET AILab | *Research assistant | Advisor: Dr. Quoc Long Tran*   Sep 2020 - Present
VNU University of Engineering and Technology   *Hanoi, Vietnam*
- Research about Deep Generative Models.
- Research about medical image translation, using generative models.
- Research and develop methods for predicting ejection fraction from echocardiography video.

VNU University of Engineering and Technology | *Teaching assistant*   Sep 2020 - Present
Vietnam National University, Hanoi   *Hanoi, Vietnam*
- Teach practice classes of some computer science courses: Introduction to Informatics, Advance Programming, Data Structures and Algorithms, Image Processing.
- Guide some students in their thesis.

PUBLICATIONS

- **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 (Conference paper - **Accepted**).

HONORS AND AWARDS

- Top **3%** (11/351) of graduating students in the VNU University of Engineering and Technology (UET-VNU) - July 2020.
- Certificate of merit awarded by the VNU University of Engineering and Technology for Outstanding student of the entire course - July 2020.
- Best thesis certification - "Graph Neural Networks and their applications for Quantum Chemistry" - July 2020.
- Excellent student, VNU Unversity of Engineering and Technology - 2017, 2019.
- 1st Digital Race 2019, round UET - January 2019.

RESEARCH PROJECTS

Medical image translation | *Research assistant*   Aug 2021 – Present
- **Project description:** Research and develop the methods for translating from CT scan to PET image.
- **Main responsibilities:** Survey about this topic; Research, develop the methods for efficient creating PET image from CT scan; Plan to write and publish paper at the top conferences.

AI-Cardio | *Research assistant*   June 2020 – May 2021
- **Project description:** Research and develop the methods for auto-calculating EF, GLS from echocardiography video.
- **Main responsibilities:** Research and develop the methods for auto-calculating EF, GLS; Build deep learning models and train them; Aim to publish papers at the computer science conferences and journals.
- **Technologies used:** Python, Numpy, Pandas, Matplotlib, sklearn, Pytorch.

Language ability

- **Vietnamese**: Native.
- **English**: Proficient (IELTS Overall 7.0, Reading 8.0, Listening 7.5, Speaking 6.0, and Writing 6.5).