

Hoang Tung Lam

Third year Computer Science student,
Machine Learners

My goal is able to learn and apply machine learning to make products that would make an immediate impact. I always seek for a great opportunity to improve myself and towards achieving my goal.



lamhoangtung.vz@gmail.com ✉

0962724967 📞

Hanoi 📍

github.com/lamhoangtung 🐙

WORK EXPERIENCE

AI Researcher

Cinnamon AI Labs

12/2018 – Present

Hanoi, Vietnam

Achievements/Tasks

- Improved and maintain synthesis data generator for OCR.
- Developed and maintain Key Value Extraction module for document understanding in Flax Scanner.
- Researching about generating images of handwritten text for OCR.

AI & Machine Learning Intern

Zinza Technology

07/2018 – 12/2018

Hanoi, Vietnam

Achievements/Tasks

- Implemented, trained and tuned various Deep Learning models (CNN, RNN) for handwriting OCR and Object Detection.
- Created pipeline that can generate up to 60 millions training images for Handwriting Vietnamese Address OCR models.
- Worked with a small team, using version control systems, collaboration boards and cloud computing.

English Tutors

E4U English Club

07/2017 – 01/2018

Hanam, Vietnam

Achievements/Tasks

- Tutored university students to help them better comprehend school lectures, learning objectives, or catch up with other students.
- Coached students to strengthen grammar, spelling, paragraph writing, creative writing, and essay writing skills.

EDUCATION

Bachelor of Computer Science

Hanoi University of Industry

07/2017 – Present

Expected to graduate in 2021

Machine Learning

Stanford University / Coursera

03/2018 – 06/2018

Course Grade 95.7%

Deep Learning

Google / Udacity

06/2018 – 09/2018

SKILLS

Self Research

Problem Solving

Presentation

C/C++

Python

SQL

Git

OpenCV

Tensorflow

PyTorch

Numpy

Pandas

PERSONAL PROJECTS

Simulated a Self Driving Car (10/2017 – 12/2017)

- Implemented Convolutional Neural Networks (CNNs) to train a car to drive in Udacity's Self Driving Car Simulator.

Handwritten Digit Recognition (04/2018 – 05/2018)

- Implemented one-vs-all logistic regression and neural networks to recognize hand-written digits in MATLAB with 99.32% accuracy.

LineHTR (10/2018 – 11/2018)

- Line-level Handwritten Text Recognition with TensorFlow using CRNN + CTC with 84% accuracy on Cinnamon AI Marathon datasets

ACHIEVEMENTS

FPT's Driverless Car Challenge (12/2018 – 04/2019)

Top 2 in the elimination round of 2019 FPT's Driverless Car Challenge in Hanoi, defeat 15 others teams in programming a self-driving race car in a simulator environment.

Cinnamon AI Marathon Challenge (10/2018 – 11/2018)

Top 3 on leaderboard, used Deep Learning System (RCNN + CTC) and self-generated training data to solve Handwriting OCR for Vietnamese Address with 84% characters accuracy.

Bertelsmann Data Science Scholarship

(05/2018 – 08/2018)

Learned valuable skills about Descriptive Statistics, Python and SQL.

LANGUAGES

Vietnamese



English



INTERESTS

Machine Learning

Deep Learning

Data Science

Computer Vision

Natural Language Processing

Reinforcement Learning