

LUONG HOANG CHAU

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EDUCATION

University of Science - VNUHCM

2020 – 2024

Bachelor of Science in Computer Science

Advanced Program in Computer Science - GPA: 3.8/4

Gia Dinh High School, HCMC

2017 – 2020

Honors Math Class

PUBLICATIONS

Improving Resistance to Noisy Label Fitting by Reweighting Gradient in SAM

Hoang-Chau Luong, Quang-Thuc Nguyen and Minh-Triet Tran - ICLR 2025 - under review

Fundamental Convergence Analysis of Sharpness-Aware Minimization

Pham Duy Khanh, Hoang-Chau Luong, Boris S. Mordukhovich, Dat Ba Tran - NeurIPS 2024

Applying Adaptive Sharpness-Aware Minimization to Improve Out-of-distribution Generalization

Hoang-Chau Luong, Minh-Triet Tran - SOICT 2023

Deepfake Detection using EfficientNet: Working Towards Dense Sampling and Frames Selection

Tuan-An To, Hoang-Chau Luong, Nham-Tan Nguyen, Trong-Tin Nguyen, Minh-Triet Tran, Trong-Le Do - RIVF 2022

COMPETITION

AI Challenge Ho Chi Minh City

2022 - 2023

Consolation prize

FathomNet - FGVC10 workshop at CVPR 2023

2023

Kaggle - Top 12/69 on private test

COURSEWORK

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|-------------------|---------------------------|--------------------|----------------------------|
| • Advanced in CV | • Artificial Intelligence | • Machine Learning | • Linear Algebra |
| • Advanced in NLP | • Deep Learning | • Optimization | • Applied Statistics I, II |

COMPETITIVE MATHEMATICS

HCMC Mathematics Olympiad Competition

2020

1st prize

Southern Vietnam Mathematics Olympiad Competition

2018 and 2019

Silver and bronze medals

TECHNICAL SKILLS

Programming Languages: Familiar with Python and has written C++, Bash

Technologies/Frameworks: Pytorch, Wandb, Tensorboard, Linux

English: IELTS 6.5