Le-Anh Tran, PhD

Seoul, South Korea | tranleanh.nt@gmail.com | tranleanh.github.io

"Once the WHY is clear, the HOW goes easy"

About Me

AI Research Scientist with **7+ years** of experience in developing advanced algorithms and solutions for **image enhancement** and **image understanding**. Proficient in **Python** and AI/ML frameworks such as **Tensorflow** and **Pytorch**. Published multiple **research papers** in **peer-reviewed academic journals and conferences**. A collaborative team player with a strong passion for advancing AI-driven technologies.

Education

PhD in Computer Vision   Mar 2021 – Feb 2024

  Myongji University, South Korea | GPA: 4.38/4.5

MSc in Computer Vision   Mar 2019 – Feb 2021

  Myongji University, South Korea | GPA: 4.5/4.5

BEng in Automation and Control   Sep 2014 – Aug 2018

  HCMC University of Technology and Education (HCMUTE), Vietnam | GPA: 8.0/10.0

Experience

Research Scientist – Mindintech Inc. | Seoul, South Korea   Apr 2020 – May 2025

- Developed vision-based solutions for advanced driver-assistance systems
- Researched and developed cutting-edge algorithms for image analysis and enhancement

Software Development Intern – OCST Co., Ltd. | Seoul, South Korea   Jul 2019 – Sep 2019

- Developed a software system for object detection streaming and data management

AI Engineer – FPT Software | Ho Chi Minh City, Vietnam   Mar 2018 – Feb 2019

- Developed vision-based solutions in the Vietnam's first driver-less car project

Teaching Assistant – HCMUTE | Ho Chi Minh City, Vietnam   Feb 2017 – Jan 2018

- Assisted the lecturer during classes, prepared lesson plans, and evaluated assignments

Skills

Disciplines: Image Classification/Enhancement/Translation/Segmentation, Knowledge Distillation, Deep Neural Networks, Object Detection, Vision Transformer

Programming: Python, Tensorflow, Keras, Pytorch, Conda, Darknet

Languages: Vietnamese (native), English (proficient)

Works

Academic   [Google Scholar]

- Published 20+ conference/journal papers as main author
- Served as reviewer for 10+ academic journals, e.g., IEEE TIP, IEEE T-ITS, Biomedical Signal Processing and Control, Supercomputing, The Visual Computer

Coding   [Github Repos]

- Developed and contributed to 15+ projects

Blogging   [Medium]

- Served as writer for Towards Data Science, Level Up Coding

Others

- Currently interested in language and agent models, started learning and developing skills on these topics