

# Le-Anh Tran, PhD

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"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

Myongji University, South Korea | GPA: 4.38/4.5

Mar 2021 – Feb 2024

### MSc in Computer Vision

Myongji University, South Korea | GPA: 4.5/4.5

Mar 2019 – Feb 2021

### BEng in Automation and Control

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

Sep 2014 – Aug 2018

## 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](#) | [Portfolio](#)

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