

Le-Anh Tran

Ph.D. Candidate & AI Researcher

28 July, 1996

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Education

Ph.D. Candidate in Computer Vision	3/2021 – Now
Myongji University (Natural Science Campus), South Korea	
M.Sc. in Computer Vision	3/2019 – 2/2021
Myongji University (Natural Science Campus), South Korea	
B.Eng. in Automation and Control Engineering	8/2014 – 9/2018
Ho Chi Minh City University of Technology and Education (HCMUTE), Vietnam	

Work & Research Experience

Teaching Assistant	2/2017 – 1/2018
Faculty of Electrical and Electronics Engineering, HCMUTE	
Research Assistant	9/2017 – 2/2019
Intelligent Systems Lab (ISLab), HCMUTE, Vietnam	
Topics: Image Processing, Autonomous Drone	
AI Engineer	3/2018 – 2/2019
FPT Software, Saigon Hi-tech Park, Ho Chi Minh City, Vietnam	
Research on Advanced Driver-Assistance Systems (ADAS)	
Research Assistant	9/2017 – 2/2019
Image Processing Lab, Myongji University, South Korea	
Topics: Convolutional Neural Networks, Object Detection	
Software Developer Internship	7/2019 – 9/2019
OCST Co., Ltd., South Korea	
Project: YOLO Object Detection Streaming and Data Management on Web Browser	
AI Researcher (part-time)	4/2020 – Now
MindinTech Inc., South Korea	
Research on AI in Autonomous Driving	
Research Assistant	3/2021 – Now
Intelligent Computing Research Lab (ICRL), Myongji University, South Korea	
Topics: Object Detection, Image Enhancement, Clustering	
Article Writer	Freelance
Publications: Medium, Towards Data Science, Towards AI, etc.	
Topics: Computer Vision, Deep Learning, Machine Learning	

Skills

Languages

Vietnamese: Native

English: IELTS Band 6.0 (2020)

Programming and Simulation

Python (proficient)

C/C++, MATLAB (familiar)

Frameworks: Tensorflow-Keras, Darknet, Conda, etc.

OS: Windows, Linux

Publications

[1] A Vision-based Method for Autonomous Landing on a Target with a Quadcopter

Le-Anh Tran, Ngoc-Phu Le, Truong-Dong Do, My-Ha Le

GTSD 2018, Ho Chi Minh City, Vietnam, 2018.

[2] Robust U-Net-based Road Lane Markings Detection for Autonomous Driving

Le-Anh Tran, My-Ha Le

ICSSE 2019, Quang Binh, Vietnam, 2019.

[3] Enhancement of Robustness in Object Detection Module for Advanced Driver Assistance Systems

Le-Anh Tran, Truong-Dong Do, Dong-Chul Park, My-Ha Le

ICSSE 2021, Ho Chi Minh City, Vietnam, 2021.

[4] A Novel Encoder-Decoder Network with Guided Transmission Map for Single Image Dehazing

Le-Anh Tran, Seokyeong Moon, Dong-Chul Park

iSCSi 2022, Porto, Portugal, 2022.

[5] POCS-based Clustering Algorithm

Le-Anh Tran, Henock M. Deberneh, Truong-Dong Do, Thanh-Dat Nguyen, My-Ha Le, Dong-Chul Park

IWIS 2022, Ulsan, South Korea, 2022.

[6] Encoder-Decoder Network with Guided Transmission Map: Architecture

Le-Anh Tran, Dong-Chul Park

ASPAI 2022, Corfu, Greece, 2022.

[7] Encoder-Decoder Network with Guided Transmission Map: Robustness and Applicability

Le-Anh Tran, Dong-Chul Park

ISI 2022, Kerala, India, 2022.

[8] Feature Embedding Clustering using POCS-based Clustering Algorithm

Le-Anh Tran, Dong-Chul Park

IEICES 2022, Fukuoka, Japan, 2022.