Le-Anh Tran

Ph.D. Candidate & AI Researcher
28 July, 1996
Yongin, South Korea, 17058
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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 Engineer (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, and 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, Seokyong Moon, and 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, and Dong-Chul Park

ASPAI 2022, Corfu, Greece, 2022.

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

Le-Anh Tran, and Dong-Chul Park

ISI 2022, Kerala, India, 2022.

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

Le-Anh Tran, and Dong-Chul Park

IEICES 2022, Fukuoka, Japan, 2022. (under review)