**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 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, Seokyong 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.*