

DUONG TUNG LAM

Master Student, PIDL Lab, Seoul National University

Email: dtlam26@snu.ac.kr

Phone (Korea): (+82)10-9706-2611



EDUCATION

Hanoi University of Science and Technology

(Advanced Program in cooperation with San Jose University, USA)

Bachelor of Electronics and Telecommunications

GPA: 2.9/4

Aug 2014 - Jul 2019

Seoul National University

Master Student at PIDL Lab

Major of Electrical and Computer Engineering

GPA: 3.76/4.2

Mar 2020 - Present

RESEARCH EXPERIENCE

AICS Lab

Undergraduate Researcher

Hanoi, Vietnam

Jan 2017 - Jul 2019

Zebra-fish ECG signal classification

Sept 2018 - Dec 2018

Worked in collaboration with Hero Lab from UCI (University of California, Irvine), USA

Medical signal classification

Dec 2018 - Apr 2019

Worked in collaboration with NUS(National University of Singapore), Singapore

Asilla - AI Company

Intern

Hanoi, Vietnam

Jan - Apr 2017

Pedestrian Tracking using 2 cameras at different angles.

Jan - Apr 2017

Vinsmart

Computer Vision - AI Engineer

Hanoi, Vietnam

Dec 2018 - Jun 2019

Employee Tracking, Employee Recognition From High Camera View

Jan 2019 - Apr 2019

Abnormal Activity Recognition in Public Sector

Apr 2019 - Jun 2019

TinhVan Co.

Computer Vision - AI Engineer

Hanoi, Vietnam

Aug 2019 - Feb 2020

Web Service for Employee Recognition Management

Aug 2019 - Dec 2019

Realtime Facial Status Evaluation from Cameras

Dec 2019 - Feb 2020

Smart Driving Assistant Device: Alert close vehicles and Traffic measurement

May 2020 - Dec 2020

[Demo](#)

An edge device assistant: alert drivers when there is close contact and update traffic status along the ride to a global service.

Edge Management Website for Data collection and Deployment in Smart City

Nov 2020 - Feb 2021

Website interface for collecting data, models deployment and model testing (in Data life cycle)

Dynamic Priority Seat Allocation and Bus Interval Management in Smart Public Transport

Mar 2021 - July 2021

[Demo](#)

A multi-camera system for measuring the number of passengers and capture passengers' attributes for allocating seats and bus intervals.

Domain-aware Data Selection for Real-time Object Detection in Smart City

July 2021 - Jan 2022

A data cleansing method for CNN model improvement in Smart City scale under various change of environment (lights, camera angles,...).

Parking Reservation Management System

Jan 2022 - Present

A management system among multi car parking lots in Smart City: detect occupied/available slots and perform reservation management.

ACHIVEMENTS

Second Prize for Talented Physics

2014

High School prize for participating in Hanoi city contest for Physics

Best Project for Undergraduate Telecommunication Engineer

2016

First Prize

RESEARCH INTEREST

Computer vision for Smart City Applications, ML cycle, Edge deployment

TECHNICAL SKILLS

Language Code:

Advance: Python (3 years,)

Basic: C/C++ (1 year), TypeScript (1 year), Bash (1 year)

Tools, Frameworks:

Advance: Tensorflow 1&2 (3 years), Pytorch (2 years)

Basic: TensorRT (1 year), Django/Angular (1 year), Docker (1 year), Redis/Kafka (1 year)