



## TRAN TRONG TAN

June 26, 1997

Male

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### OBJECTIVE

I hope that when working at the company, I can learn many of your knowledge and experience as well as contribute my part to the development of the company.

### SKILLS

English skill

C And Python

Communication

Team Bulding Manager

### INTERESTS

- football
- copy writer



### EDUCATION

**HCMC-UNIVERSITY OF TECHNOLOGY AND EDUCATION**

**OCT 2015 - OCT 2019**

Eletronics And Telecommunication

GPA: 6.9



### SCIENTIFIC RESEARCH

#### PROJECT 1: AUTOMATIC WATERING SYSTEM - 2017.

Read the soil moisture value to control the water pump motor with PIC-C compiler

- Use sensors to measure soil moisture.
- Use PIC microcontroller for data analysis and device control.

**Target:** automatically control device.

**Instructor:** Mr. Pham Ngoc Son.

#### PROJECT 2: SMART FARM WITH ARDUINO MEGA -2018

Build applications to manage and control devices in smart gardens.

- Use sensors to collect temperature and humidity values.
- Use Blynk to build management application on smartphone.
- Set up a connection between Arduino Mega and Esp8266 to process and

transfer data.

**Target:** Application IoTs to monitor and control equipment

**Instructor:** Mr. Phan Van Ca.

#### FINAL PROJECT: HUMAN FALL DETECT WTH 3D-CNN OR ALGORITHMS ON VIDEO

Analyze human actions to make predictions about falling behavior.

- Use 3D-CNN network to train human behavioral identification data.
- Analyze the properties of the object in the video to predict human behavior.
- compare and evaluate the performance of methods of determining human

behavior.

Use library Keras and Tensorflow backend of python3 to analyze data. Use Opencv analyze human body model to pridict fall detection.

**Target:** Application Machine Learning for analyze behaviours of human.

**Instructor:** Mrs. Huynh Thi Thu Hien



### ACTIVITIES

#### GREEN SUMMER VOLUNTEERS CAMPAIGN 2017/2018

**JULY 2017/18 - AUG  
2017/18**

Soldiers campaign

- Help chirdren in Phu Yen province to hold folk game.
- fixxing electric,making lighting the countryside,Children's play area.

#### SPRING VOLUNTEER CAMPAIGN 2016/2017

**JAN 2016/17 - FEB  
2016/17**

Soldiers campaign

- Help chirdren in Long An hold event.