

# TRAN DUY CANH (CALVIN)

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## WORK EXPERIENCE

### Yokogawa Engineering Asia

2016 – present

#### Data Scientist

I conduct research, design, prototyping and developing analytics application using advance predictive model and machine learning technologies in Python.

#### Key projects:

- ❖ Abnormal Situation Prediction: Big Data, Hadoop, Spark, Hive, HBase and Machine Learning.
- ❖ Real-time image analytics with Deep Learning and Transfer Learning.
- ❖ Master Plan Relationship : automatic generating network base on customer data using machine learning techniques.

### Yokogawa Engineering Asia

08/2015 - 03/2016

#### Data Scientist/Engineering Intern

Big data analytics and architecture design with Hadoop and Hive/Hbase.

#### Key Activities:

- ❖ Analyse data and building predictive model.
- ❖ Develop black box web service for prediction engine in Cloudera Hadoop environment.
- ❖ Develop dashboard web application for visualization purpose and end-user production.

### GO1

2014 – 2015

#### Drupal Developer

Part of LMS team, develop and maintain core product “Learning Management Sytem”

- ❖ Fixed bugs in the core system.
- ❖ Developed features and restful/web service using Drupal, Laravel and MongoDB.
- ❖ Integrated Email cronjob system base on Drupal and third-party technology.
- ❖ Develop batch system to migrate and change customer’s big data for update purpose.

### Freelancer

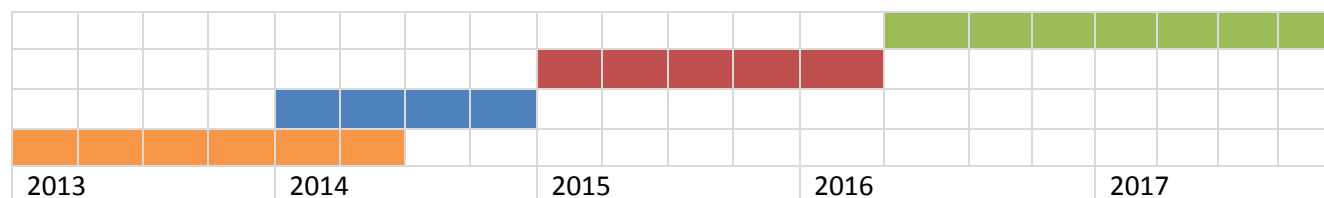
2013 – 2014

#### Full stack web developer

Opening a startup call didauxa.net with the investment from Soongsil University (Korean)

- ❖ Leading the team and Managing implementation of the product.
- ❖ Developed core system and product architecture using Yii Framework.
- ❖ Planning and organizing business flow.

## TIMELINE



## SKILLS

|                  |       |           |       |                 |       |
|------------------|-------|-----------|-------|-----------------|-------|
| Python           | ■■■■■ | Hadoop    | ■■■■■ | Big Data        | ■■■■■ |
| Machine Learning | ■■■■■ | Linux     | ■■■■■ | Deep Learning   | ■■■■■ |
| Visualization    | ■■■■■ | Algorithm | ■■■■■ | Web Development | ■■■■■ |

## EDUCATION



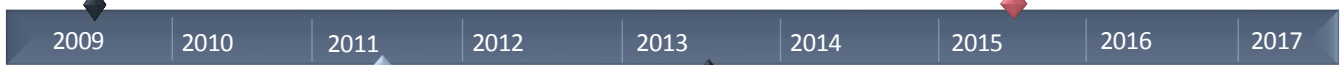
**Bachelor of Computer Science**

Ton Duc Thang University



**Master of Technology**

National University of Singapore



**MCSA Certification**

Microsoft Certified Solution Associate

Microsoft Certified Solutions Associate



**Web Master Diploma**

Soongsil University  
Scholarship from Korean Government

## AWARD

### SGDC AWARD

Yokogawa, 2017

Recognize as one of the best employee of the year, have a chance as Singapore presenter at Innovation Fair in Head Quarter (Tokyo – Japan).

### BEST PROJECT OF KNOWLEDGE ENGINEERING.

NUS-ISS, 2016

My graduation project "Industrial Catastrophe Detection" is honor to become the best project for Master of Technology in Knowledge Engineering 2015/2016.

### PROPERTY GURU DATA VISUALISATION HACKATHON.

NUS-ISS, 2015

Second Runner

### LTA HACKATHON

Land Transport Authority, 2015

Best app for Active Mobility. Awarded by Guest of Honor Prime Minister Lee Hsien Loong.

### MAS HACKATHON DATA VISUALIZATION CHALLENGE

Monetary Authority of Singapore, 2015

First Winner.

### DEMO ASEAN 2013

IDG Production, 2013

A startup competition, one of thirteen team in the final pitching contest

## INTERESTS



## LANGUAGES

