

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

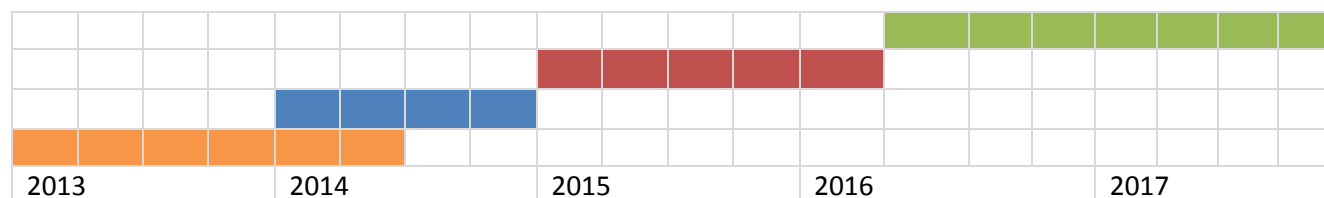
2013 – 2014

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



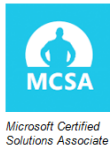
Bachelor of Computer Science

Ton Duc Thang University



Master of Technology

National University of Singapore



MCSA Certification

Microsoft Certified Solution Associate



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

