PHUNG NGOC TUNG DUONG

CONTROL & AUTOMATION ENGINEER

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TARGET

I am seeking a position that will allow me to use my practical experience, strong interpersonal skills as well as my eagerness to contribute to a quality of company. Moreover, I'd like to work in a professional and active environment where i can work and study more knowledge from my colleagues to become a expert in AI field.

EDUCATION

Sep 2013 - Jan 2018

BACH KHOA UNIVERSITY (BKU)
Major: CONTROL & AUTOMATION
GPA: 7.6/10
GRADUATION THESIS:8.9/10

WORK EXPERIENCE

Nov, 2017 - Oct, 2018

Experience
+ Nearly 1 year learning and research in AI field such as COMPUTER VISION, DNN, CNN...

 + 6 months working for technology company about COMPUTER VISION.

 + Familiar with OpenCV Library (Python/C++)

 + Project implementations:
    - Researching and applying some of state-of-arts about object detection to detect objects: YOLO, Faster-RCNN, SSD Mobile Net
    - Face recognition: Using and apply some of deep neuron network structures such as FaceNet, MTCNN to recognize and identify human in video frames into wild.
    - Contact Lenses recognition in Industrial.
    - Research and Develop AR(Augmented Reality) Technology and 3D reconstruction using depth camera

  + Familiar with some frameworks which is built deep learning models like Tensorflow, Keras and SK-Learn in Python.

  + Ability to understand basically popular machine learning algorithms like KNN, K-mean clustering, SVM. ...

+ Have experience working on Unix/Linux environment

June, 2016 - Jan, 2018

In University
ACADEMIC
+ Having knowledge in Mathematics such as Algebra(8.5),
Calculus(9.0), Probability(6.5).
+ Strong C/C++, Python.
+ Research in the field of Internet of things (IOTs) and ZigBee
technology to remote control devices and display data on Web-Server.

+ ACADEMIC PROJECT : Control parallel robot and image processing,
researching fuzzy logic controller to control real system.
  - Using OpenCV library and computer vision based on C++ platform
to detect ball on plate system 6 degrees of freedom.
  - Applying Intelligent Control (Fuzzy logic controller) into ball on plate
system to calculate error in order to evaluate and optimize system.
(https://www.facebook.com/tungduong95dhbk/videos/1198097673653893/)

+ Investigating and Researching in the field related to AI and Intelligent
Control, "pattern recognition" in machine learning.
  - Digit handwriting recognition in Matlab
  - Face recognition.

+ Understanding deep neuron network as well as CNN for images
recognition and classification.

July, 2017 - Nov, 2017

Internship
+ Internship at Robust Bosch Engineering in Automotive field.

ACTIVITIES

Jan 2014 - PRESENT

Member of " students and youth" ORGANIZATIONS
"Students and youth" groups have over 4000 members
- Organizing volunteer activities for students .
(https://www.facebook.com/groups/sinhvienvatuoitre/?fref=ts)
- Attend charity blood donation.
- Attend volunteers in nursing homes, help the elderly...

HONORS & AWARDS

2016

40 years of Control & Automation Robot contest: 2nd