Bui Thi Thanh Huyen

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- 👤 Female
- 📅 September 27, 1996
- 📍 Mukodaicho, Nishitokyo, Tokyo-to, 4 chome-21-45-208. 188-0013

Objective

Aiming to use my abilities to successfully fulfill the job position. Work for an organization that provides me the opportunity to gain a deeper understanding of computer vision and improve my skills.

Education

UNIVERSITY OF INFORMATION TECHNOLOGY BACHELOR PROGRAM - VIETNAM
2014 - 2018

Major: Comuter Science
GPA: 8.24/10

HOSEI UNIVERSITY - MASTER PROGRAM - JAPAN
9/2019 - now

Major: Applied Informatics
GPA: 3.53/4

Work experience

UNIVERSITY OF INFORMATION TECHNOLOGY - VIETNAM
2014 - 2018

Undergraduate student

1. Training Cascade with traffic sign Dataset
Using OpenCV with Haar Cascade Classifiers to detect traffic signs: no parking, speed limit.

2. Training Faster RCNN with traffic violation dataset
Implement Faster RCNN with the VGG model to detect traffic violations.

3. Classification using VGG and ResNet Features
- Extract VGG16 and Resnet53 features with the pre-trained weights of the Imagenet dataset.
- Using the SVM algorithm to classify traffic violations and non-traffic violations.

GLOBAL DMC COMANY - VIETNAM
2018 - 4/2019

Web developer
Using HTML, CSS and Shopify (e-commerce platform) to build front end of website.

BEESIGHT SOFT COMANY - VIETNAM
4/2019 - 6/2019

R&D
Research on time series data using some machine learning methods: SVM, KNN algorithm

HOSEI UNIVERSITY - JAPAN
9/2019 - now

Graduate student

1. Research on Object Detection: especially Japanese coin and Banknote detection .
- I have collected the Japanese Coin and Banknote (JCB) dataset using YAOAWE Glasses.
- Firstly, I trained the YOLOv3 model for the JCB dataset,
- Secondly, I also implemented Faster RCNN, SSD (Single Shot MultiBox Detector) for the JCB dataset.
- And now, I have tried to combine object detection and depth estimation to improve the accuracy of detection.

Activities

Spring Volunteer Campaign
Annual activities: cleaning up the campus, offering free tickets and meals for students who face difficult circumstances during Lunar New Year, celebrating a party in dorms for students, giving presents for poor patients.

Green Summer Volunteer Campaign
 Annual activities: teaching children, cleaning up the environment, building gratitude houses.

Skills

Language	English, Vietnamese
Team Works	Working with a group of people (2-3 people)

Academic Paper

Japanese Coins and Banknotes Recognition for Visually Impaired People   4/2020
https://bitly.com.vn/KNnWc

Additional information

My GitHub: https://github.com/BTTHuyen