HO SI TUAN

iOS Developer, Computer Vision/ML Fresher

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GitHub: https://github.com/hosituan

FB: https://www.facebook.com/sytuann/ StackOverflow: shorturl.at/bswDZ Pho Chi Minh, Viet Nam



SUMMARY

A young passionate iOS Developer and AI researcher. I am looking for a company can give me chance to pursue my dream. Try to learn the experience and working style in the best way.

EDUCATION

HCMC University of Technology and Education

Software Engineer

1 08/2017 - 07/2021

GPA

7.3 / 10.0

English

TOEIC - Outcome English Test at HCMUTE

10/2020

GPA

735 / 990

EXPERIENCE

iOS Developer, Al Reseacher

C2C TechHub

C2C TechHub is a Japanese product company with some representative projects: Naile, Hogugu, Shacho Meshi, SORAeMON,... I am working here as an iOS Developer, also Al Mobile Researcher in free time.

- Update and maintain company applications.
- Research and develop an iOS face recognize application for check-in and check-out.
- · Research SwiftUI framework and convert an old UIKit framework project into SwiftUI framework project.
- Familiar with Git, Jira, Bitbucket, Slack,...

PERSONAL PROJECTS

[iOS, Machine Learning] Face Recognize application based on FaceNet

Medium post at CodeX forum: https://www.shorturl.at/yBLZ2

GitHub: https://www.shorturl.at/rvBHN

- I was researching into Machine Learning and Computer Vision for project goal.
- Develop and iOS application can recognize face in real-time based on FaceNet pretrained model.
- Result: With total 50 persons, accuracy and 90%, time taken less than 1.2 second.
- Recived good response from community, 6 claps in Medium and 14 stars in GitHub.
- Language: Swift and Python
- Framework: UlKit, Apple CoreML, Apple Vision, Apple TuriCreate, Swift for Tensorflow,...
- IDE: XCode, VS Code, Google Colab
- Team size: 1. Because I was research independent with the assistance of Al leader and iOS leader.

PERSONAL PROJECTS

[Python Server] Counter Server

GitHub: https://github.com/hosituan/kounter-server

This is Python Sever deploy in Google Cloud - Compute Engine with some basic APIs. Make prediction from Machine Learning model and response result to iOS Client.

- · Language: Python
- Framework: Flask, Gunicorn
- Have more knowledge about AWS, Heroku, Firebase and Google Cloud.
- IDE: VS Code
- Team size: 1

[Image Processing, Machine Learning] Counter Core

This is the core of counting number of object in densely position object image project for my Bachelor's thesis. Github: https://github.com/hosituan/SKU110K_code

- I have researched into OpenCV and developed a method can count number of object in easy images. Finally, I use Machine Learning to gain this project goal.
- Paper: SKU110K CVPR and Keras RetinaNet
- I labeled more than 10 datasets and trained 10 models based on papers can give pretty good result and high accuracy.
- · Language: Python
- IDE and Tool: Labellmg, Google Colab, Jupyter notebook
- Team size: 1

[iOS] My Counter

GitHub: https://github.com/hosituan/my-counter-iOS

This is iOS Client for object counting. Send image to Python server and receive response via RESTful API. Then, draw the image result and save or export it.

- Language: Swift, C++ and Objective-C
- Framework: SwiftUI
- IDE: XCode
- Database: Firebase Realtime database
- Libraries installed by CocoaPods: Alamofire, LightBox, ProgressHUD, SwiftJSON, Firebase SDK, SnapKit, TLPhotoPicker, Cosmos....
- Team size: 2

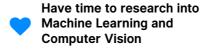
SKILLS

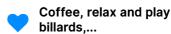
XCode	Google Cola	ab VS Co	ode	Android Studio
Swift - SwiftUI/UIKit Python C++ Kotin/Java				
Firebase	Google Cl	loud/AWS	Coc	paPods

PASSIONS AND EXPECTATIONS



Good environment and enthusiasm team





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