

HO SI TUAN

iOS Developer, Computer Vision/ML Fresher

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StackOverflow: [shorturl.at/bswDZ](https://stackoverflow.com/users/10414444/bswDZ)

📍 Ho 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

📅 08/2017 - 07/2021

GPA

7.3 / 10.0

English

TOEIC - Outcome English Test at HCMUTE

📅 10/2020

GPA

735 / 990

EXPERIENCE

iOS Developer, AI Reseacher

C2C TechHub

📅 07/2020 - Ongoing 📍 2C12 Truong Sa Street, 19 Ward, Binh Thanh District, HCMC

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 AI 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

📅 12/2020 📍 HCMUTE and C2C TechHub

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: UIKit, 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 AI leader and iOS leader.

PERSONAL PROJECTS

[Python Server] Counter Server

📅 04/2021 - Ongoing 📍 HCMUTE

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

This is Python Server 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
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[Image Processing, Machine Learning] Counter Core

📅 04/2021 - Ongoing 📍 HCMUTE

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
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[iOS] My Counter

📅 04/2021 - Ongoing 📍 HCMUTE

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
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SKILLS

XCode Google Colab VS Code Android Studio

Swift - SwiftUI/UIKit Python C++ Kotin/Java

Firebase Google Cloud/AWS CocoaPods

PASSIONS AND EXPECTATIONS



Good environment and enthusiasm team



Have time to research into Machine Learning and Computer Vision



Coffee, relax and play billards,...