



Nguyen Thanh Thien Phuc

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## Education

### MSc in Computer Science

National Taiwan University of Science and Technology  
Taipei, Taiwan  
2018 - present

### BSc in Computer Science

Ho Chi Minh University of Science  
Ho Chi Minh City, Vietnam  
2013 - 2017

## Languages

English (IELTS 6.0)

Japanese (JLPT N5)



## CAREER PROFILE

I am a software programmer who have working experiences on Digital Image Processing, Computer Vision, Machine Learning and Deep Learning. I have good technical skills as well as teamwork ability. With passion of new technologies, I enjoy overcoming challenges and reaching new peaks.



## EXPERIENCES

### Master student

2018 - present

National Taiwan University of Science and Technology, Taipei - Taiwan  
Image/Video Processing and Multimedia Laboratory

- 👉 Research Image Processing and Compression topic.
- 👉 Thesis - A Study on Optimal Chroma Subsampling and Upsampling Combination Methods for JPEG Image Reconstruction.

### Software Developer

2017 - 2018

Lac Viet Computing Corp., Ho Chi Minh - Vietnam

- 👉 Develop API Question-Answer System in Vietnamese.  
Demo: <http://law.surelrn.vn/>
- 👉 Develop API for Face Recognition-based Timekeeping System.

### Research Assistant

2016 - 2017

Ho Chi Minh University of Science, Ho Chi Minh - Vietnam

- 👉 Develop applications for Interaction Surface.  
Demo: <https://youtu.be/q5YlMsbKKcQ>
- 👉 Undergraduate Thesis - Dynamic Hand Gesture Detection and Recognition to detect and recognise dynamic hand gestures, recording from depth camera.



## PUBLISHED

### Spatial-Temporal Shape and Motion Features for Dynamic Hand Gesture Recognition in Depth Video

IJIGSP 2018



## AWARDS

### First prize for individual team

2017

Startup Wheel Competition 2017, Ho Chi Minh - Vietnam



## SKILLS

C++

Python

OpenCV

Tensorflow & Keras

PyTorch

Flask

Git

Linux