



NGUYEN THANH THUC

313/31 Quang Trung street, Go Vap District, Ho Chi Minh City

Phone: 0902706779

Email: [thanhthuc041293@gmail.com](mailto:thanhthuc041293@gmail.com)

Date of birth: 04/12/1993

## MY OBJECTIVE

Amaris is the excellent working environment, great opportunity to get ahead and develop myself, especial to improve my technical skill and knowledge about mobile programing. This is also friendly working place to improve my communication skill in English.

## SUMMARY

Almost 1-year experiment of working from 4/2016 to current time. I have strong, in-deep knowledge about develop iOS application. I have experienced and familiar with Swift/Objective-C.

## PROFESSIONAL EXPERIENCE

iOS Developer, 04/2016 to present. Working as iOS developer of mobile team at FPT software Ho Chi Minh from 04/2016 up to now, with three project, all this projects were succeed.

### May 2016

FHoken project: This is sale product, i join to this project to learn about business, learn how to design layout for iOS product, learn how to implement layout flow using Interface Builder, Auto layout and UIKit.

- **Responsibility:**
  - Joining to learn about product business.
  - Implement layout flow for product.
  - Implement some small business logic.

### June-August 2016

NFClock project about security by software method for stored data into SD card, this card was owned by iOS device. In this project, we implement three methods for data security: by GPS, by Time and by password.

- **Responsibility:**
  - Writing SRS document.

- Joining analyze customer requirement.
- Joining implement layout flow for home screen (with more cool animation), setting screen, change mode screen, and popup set mode screen. All most layout in this project be done by me, I really make a great UI for this product.
- Using nal library (this is private library from Toshiba Inc.) to communicate between iPhone Bluetooth and Card Reader (SD Card use to read/write data to SD Card).
- Implement 3 security method according with business logic:
  - Using Apple map to view place, choose GPS for GPS mode setting, set rule for GPS mode.
  - Choosing time, set rule for time mode setting.
  - Set password, set rule for password mode setting.
- Design and write test (unit test).
- Maintain product.
- **Technology:**
  - Core animation.
  - Core Bluetooth.
  - Persistence
  - Multithreading (GCD/NSOperationQueue).
  - Push notification.
  - Unit test.

## September - November 2016

PartyPrint project, this project to serve user can take photo, choose, valid, review and upload image file to server (this image use to print for user) via LAN network.

- **Responsibility:**
  - Writing SRS, SDS document.
  - Joining analyze customer requirement.
  - Joining implement layout flow for: home screen (this screen can be change depend on status of network), choose image screen, preview image screen, sent image screen. Some pretty animation in this screens
  - Using Alamofire to make convenience to transfer image data by stream.
  - Working with image handling: cached image, compress image, change image dimension
  - Working with user permission when use camera, photo.
  - Load API setting from server and handle use case depend on business logic, depend on status of app lifecycle.

- Working with Exif image: valid Exif image according time to determine whether if this photo can be allowed to select or send, keep this Exif image on server same with original Exif image.
- Testing for product.
- Maintain product.
- **Technology:**
  - Core animation
  - Core image
  - Apple photos framework
  - Persistence
  - ARC
  - REST API (working with XML format)
  - Alamofire
  - NSURLSession and NSURLConnection
  - Multithreading (GCD/NSOperationQueue)
  - Push notification
  - Unit test

## TECHNICAL SKILLS

- **Programming Languages:** Swift, Objective-C, C/C++, Java, C#, HTML/CSS, Javascripts, SQL. (strong with Swift/Objective-C, C/C++)
- **Operation Systems:** macOS, Windows, Ubuntu.
- **Development Tools:** Xcode, Eclipse, Visual Studio.
- **Version Control:** GIT, Subversion.

## SOFT SKILLS

- Good communication skill in English

## EDUCATION

- 2011-2016: Ho Chi Minh University of Technology.
- Major: Computer Science.

## CERTIFICATE

- TOEIC 550

**My github:** <https://github.com/thanhthucbkinfo?tab=repositories>