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*October 20th, 2016*

*Human Resources Department*
*Da Nang City*

Dear Sir/ Madam,

It gives me a pleasure to have this opportunity to introduce myself to you. I am Phong, born in Hoi An old town, Quang Nam on September 29th, 1991.

After finishing my secondary education at high school, I was admitted into Da Nang University of Technology, and I graduated as an engineer major in Information Technology with a good degree classification.

At school, I learned about C/C++, Java and OOP carefully. When I built an application, I always spent most of time at creating strong structure, investigated the proof of concept, also design pattern. I believed that we must be slow at beginning time to get the sustainability in the future and it was a right ideal.

In the last year of my course, I got opportunity to work as trainee at Sioux Embedded System Company and became the permanent employee after my graduation. It was really a great time but also a lot of difficulties because the company had begun for few months and there was many challenges. I was put in a project without any leader or trainer and it had been started for 2 months, I worked my tasks from zero-point nearly. Everything was chaotic because each member just finished his tasks in no any link. I tried to improve structure within my ability. Luckily, my colleagues helped me a lot. The most important I got is "The success of a project is derived from talent members, teamwork effort and a great leader" and "if you don't have any chance to work with a good leader, you should become that".

After nearly 3 years of work here, I get many experiences in Xamarin, Android, and iOS. Now, I want to challenge myself again, look for a better opportunity and learn new things from the expert in technology world also. That is the reason I apply to your company.

I want to give you my power, receive your reliance and we would get more success. I am looking forward for the positive reaction from you.

*Sincerely*,

**Phong Le Hoang**

# Phong Le
*Mobile developer*

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29/09/1991

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- **Image processing**
- **Network programming**
- **Cryptography**
- **Algorithm**

*"You want to do the right, must do it wrong. You want to close them, must make them discrete. You want to do faster, must be slower"*

*"The success of a project is derived from talent members, teamwork effort and a great leader"*

## Experiences

| | | |
|---|---|---|
| **Android** | ★★★★⯪ | *Android/iOS* |
| **Xamarin** | ★★★★☆ | |
| **iOS** | ★★☆☆☆ | |
| **NodeJs** | ★★☆☆☆ | *ExpressJs* |

## Programming languages

| | |
|---|---|
| **Java** | ★★★★☆ |
| **C#** | ★★★★⯪ |
| **C/C++** | ★★★⯪☆ |
| **Swift** | ★⯪☆☆☆ |
| **Javascript** | ★★★☆☆ |

## Technologies

| | |
|---|---|
| **OOP** | ★★★★⯪ - Strong skeleton, easy to maintain and upgrade |
| **Design Pattern** | MVVM, MVC, Abstract, Singleton, Prototype, Factory… |
| **Software Development** | Agile software development |
| **Repository** | Svn, Git (Bitbucket, Github) |
| **Management** | Trello, Tfs, JIRA |
| **More** | Photoshop, Windows, Linux, Mac OS |

## Education

| | |
|---|---|
| **Bachelor of engineering** | Graduate from Da Nang University of Technology, Major in Embedded System of Information Technology |

**2009 - 2014**

## Hard skills

Application architecture, strong structure

Manage and support technical in team

## Soft skills

Hard working, well-organized and high sense of responsibility

Quick-learner, self-confident and active

| Projects | Tasks and techniques |
|---|---|

### Home User Config — 4/2014 - 6/2014

An application allows user to configure their smart devices via local network

- As a trainee - Convert the current phone app to use on tablet devices
- Native Xamarin, Android UI concept, Svn

### Smart Coloring — 7/2014 - 9/2014

Electronic microscopes capture gray images. This application helps to color these gray images by pseudo algorithm

- Create algorithm and make core library to color gray images by C#. It can run on Windows and Android devices
- Image processing, Wpf, Xamarin, Android, C/C++, Svn

### Gate Opener — 10/2014

The customer wants to build a cross-platform mobile application to communicate to his web service. The mission of this project is to open a gate by controlling from mobile devices

- Learn Xamarin Form, create prototype and then, create an actual application
- Web API, Xamarin Form, Android, iOS, Windows phone, Svn

### Bird Chasing — 11/2014 - 4/20415

The plane is always in danger because birds. And there is devices that chivy them by staffs. This project is to build a system to report status, communicate between the staffs. The system includes a website, web service and mobile app on android

- Handle android application's skeleton (GCM notification, map, communicating to web service) and do some detail tasks
- Implement a part of web service
- Web API, Native Xamarin, Android, Google map, GCM notification, Trello, Svn

### Smart Retrofit — 5/2015 - 11/2015

The customer wants to build a mobile application to control their smart devices (the previous one is to configure) with complex UI animation effects. This project includes android and iOS application

- Learn Xamarin android with MVVMCross pattern and investigate about animation in Android platform to create android application
- Xamarin in MVVMCross, Android UI animation concepts, Trello, Svn

### Fihm — 12/2015 - 2/2016

A gym center wants to build application that collects data from his Bluetooth LE fitness devices. The application is to run on Android and iOS platform

- Create a strong structure with Master-Detail pattern and make a list of task, give them to team member and do some detail tasks
- Native Xamarin, Bluetooth LE, Android, iOS, Trello, Svn

### OffsiteVision — 3/2016 - 5/2016

An application helps the victim in an emergency case in a big building. It receives notifications from a web service and make an alarm to user. Users can look up the previous reported status and detect the location of sensor devices in the current building

- Create a strong structure with Master-Detail pattern and make a list of task, give them to team members
- Implement some core tasks
- Web API, Xamarin in MVVMCross, Android, iOS, Google map, Tfs, Svn
- CH Play - https://goo.gl/I4xB0w
- App Store - https://goo.gl/8Fu33X

### Misfit Helper — 4/2016 - 5/2016

A final project of a trainee leaded by me. This project is an android utility application to alarm, lock/unlock mobile, cancel a call, control slide on pc, find phone via a magic Bluetooth button - Misfit

- Teach her Android with java language, generic and singleton pattern, Git, SQLite. Manage project and create a structure.
- Review her result (She got 8.9 points in the final project of her course - her email: tuyetluong193@gmail.com)
- Network programming, Bluetooth, Android, SQLite, Git
- Management document - https://goo.gl/kWrr9W
- Git - https://goo.gl/6UEiG3

## DineMenu
6/2016

The customer has a restaurant chain and he wants to build application to show the menu of his restaurant, manage bills and get the feedback from his customers. The application should run on Android and iOS with custom theme function, beautiful UI

- Create a strong structure with Master-Detail pattern and make a list of task, give them to team members
- Implement some detail tasks
- Web API, Xamarin in MVVMCross, Qr-code, Android, iOS, Tfs, Svn

## Easinstall
7/2016 -  9/2016

The customer is a company in street camera field. The camera either has built-in Wi-Fi hotspot to create a local network or connected a local network but it cannot access internet. The mission of this project is to convert mobile into intermediate devices to help this camera connect to internet. Firstly, the application on mobile must discover the list of camera in network and access them from here

- Create a strong structure with Master-Detail pattern and make a list of task, give them to team members
- Port a C/C++ discovering library into C#
- Write code to manage Wi-Fi hotspots
- Network programming, Xamarin in MVVMCross, Android, iOS, Tfs, Svn