



Alex Ngo - Senior iOS Developer

Nationality	Vietnam	Location	Hanoi
Date of Birth	24 Dec, 1984	Mobile	(+84) 90 484 22 98
Gender	Male	Skype	NgoLien2412
Marital status	Married	Email	Ngo.Hoang.Lien@gmail.com

ABOUT ME

I have over 10 years experience in iOS and macOS application development. Through many projects with various techniques, I have many experiences in designing system architecture, micro-services, code structure and strong ability to research, think out good solutions for problems such as scaling, security, real-time communication...

Recently I have studied some courses about machine learning, neural network, recommendation system on Udemy. I can understand how it works, it learns, it predicts based on input data. I also tried to implement the back propagation algorithm in Swift programming language.

I have experiences with the programming languages Objective-C, Swift, Python, Javascript and Elixir.

In addition, I can build a completed system. It means including Client app, API Server, Website Server, Database, Load Balancer and configuring it with HTTPS.

I hope to have the opportunity to work with your TEAM and contribute to the success of your company.

[A fun app for cooking that I made with love :-\)](#)

PROFESSIONAL SUMMARY

- ✓ Having 13 - years experience in developing software on iOS, macOS
- ✓ Having a lots of experiences in developing Restful API, UI/UX, Automation testing
- ✓ Having a lots of experiences in developing Restful API using Swift Vapor framework, Parse platform, NodeJS.
- ✓ Having a lots of experiences in designing software, databases, server backend

- ✓ Familiar with SCRUM software development method
- ✓ Good communication
- ✓ Know about C/C++

WORK EXPERIENCE

03/2019 - PRESENT

iOS Team Leader
GE Vietnam

We develop a social network app for chat, video call, sharing status in timeline, comments and real time push notifications. We also build some great features for company management such as Timekeeping, Internal requests, Timesheet, Restaurant QRCode, export data to excel.

Technically we use UINavigationController mainly for making GUI. The app is written in Swift using MVVM architecture. For push notifications, we use Notification Service Extension and silent push. In addition, we use Realm for managing and real time tracking data changes. We use open source WebRTC for making call. Web socket for chat.

01/2017 – 02/2019

iOS/Python Leader
Ascend Tech Vietnam

Here I am a team leader. We have 6 members. We build Admin Portal for managing and operating payment services, agents, customers... The technology used for is Python/Django. We follow Scrum method for product development. Our process is very clear. I must draw sequence diagrams, review for approval before writing any code lines. Then I must write Automation test script using Robot framework and make sure it passes all test cases. I also review source code for other members.

09/2014 – 11/2016

iOS Team Leader
Larion Computing

Here I am an iOS team leader. We have 4 members. We do outsourcing for various customers. I got requirements from

project manager, review, estimate time for it. Study technologies, find out solutions, develop, fix bugs and maintain.

03/2012 – 09/2014

iOS Team Leader

WISeKey SA

Here I am an iOS team leader. We do products. I made iOS and macOS apps for security, Sports. I also do training for new members. Here I worked much with encrypt/decrypt data and social network APIs(Facebook, Twitter).

2009 – 2012

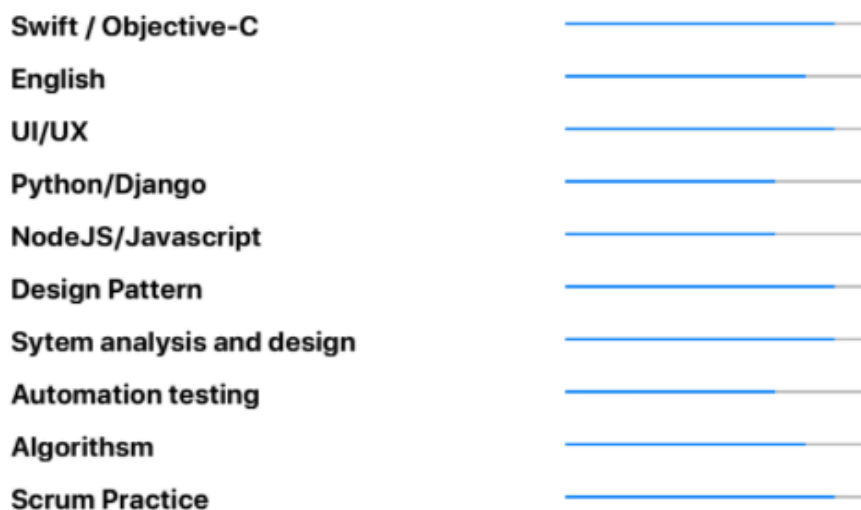
iOS Developer

Self-Employed

This period iOS development was still very new in Vietnam. Non company hires for this job. Then I studied and developed iOS apps and uploaded on AppStore for sale. I also went travelling much :-)

TECHNOLOGY AND SKILL

Level: 5-7 Knowledgeable (Intermediate, can use it at work); 8-10 Proficient (Advanced, very good to use it at work)



EDUCATION

2004 - 2008

University of Information Technology , Vietnam National University – HCM City

My major was information technology. I got good result in this course. My favorite subjects was Algorithm, C and Java programming.

2013 - 2014

Amazon Web Service

I'm curious to know how the large services like Facebook, Twitter, WhatsApp... can handle million of requests from its users. So I went to self-study about Amazon Web Service for S3, EC2, Auto-Scaling, Load Balancing... I also bought an EC2 machine to setup a Chat server for my side project.

2017

The Ultimate Guide to Usability and UX

It's an online course from Udemy website. I love to make simple and amazing things. So I bought this course to learn how we can design a completed product from scratch. I have learnt many useful things and applied it into my apps.

I also got Certificate of it. This is the link to this course:

<https://www.udemy.com/ultimate-guide-to-ux/>

2017

Nginx Fundamentals: High Performance Servers from Scratch

I want to setup HTTPS for a website and restful API. I also want to setup a load balancer for scaling on multi-servers. After I googled, I got advices using NGINX. So I bought this course. Now I can setup and configure well NGINX

The link to this course: <https://www.udemy.com/nginx-fundamentals/>

2018

Blockchain and Bitcoin Fundamentals

Blockchain technology and Bitcoin is quite HOT. So I taken this course to understand the key concepts, how it works and how to build it.

The link to this course: <https://www.udemy.com/blockchain-and-bitcoin-fundamentals/>

SOME PROJECTS

ViPass - Secure Password Vault

1Pass Production

ViPass is a secure digital wallet for keeping safe passwords, credit cards, cryptocurrencies or sensitive information.

See on AppStore: <https://itunes.apple.com/app/id1407697727>

My Responsibilities:

- Designing GUI, Features
- Designing security architecture
- Coding from scratch
- Testing
- Making app screenshots
- Packaging for AppStore

Programming Languages: Swift 4.x for iOS, macOS apps and backend server

Used technologies: AES 256-bit cipher, HMAC-SHA256, PBKDF2, RSA

Platform, server and database: iOS, macOS, Linux Swift server, Realm database, Elasticsearch

Daedalus

Larion Computing

Daedalus is a macOS app. It allows users to manage trading servers, buy, sell stock symbols, monitor status of system activities. All the stock data is transferred in real time between client and server.

My Responsibilities:

- Develop
- Optimize memory usage and performance
- Fix bug

Programming Languages: Objective-C, C/C++

Used technologies: Protobuf, Websocket

Platform, server and database: macOS, Linux C server, Postgres

Admin Portal

Ascend Tech Vietnam

This is an internal portal for managing and operating Payment services, Agents, Customer, Campaign, Voucher, Cards...

My Responsibilities:

- Team leader
- Grooming
- Communicating with PO
- Drawing sequence diagrams
- Writing Python, Html, Javascript Code
- Writing Automation test scripts
- Fix Bugs
- Review source code of members

Programming Languages: Python, Html, Javascript

Used technologies: Robot Framework, Django Framework

Platform, server and database: Python, MySQL

Tools: PyCharm, PlantUML

Pocket Prints

Larion Computing

We did outsourcing for an Australian customer. It is an iOS app allowing users to choose photos from Library, Facebook, Instagram... Edit it with effects, frames then print out.

See on AppStore: <https://itunes.apple.com/au/app/pocket-prints/id900757823?mt=8>

My Responsibilities:

- Developing
- Integrate with Adobe Creative SDK for editing images.
- Integrate with PayPal SDK and Stripe frameworks for doing payment
- Fix bugs
- Packaging for AppStore
- Maintain

Programming Languages: Swift

Used technologies: PayPal SDK, Stripe SDK, Adobe Creative SDK

PERSONAL INTERESTS

- Reading Technical News, Book...
- Travelling
- Listening to music,
- Cooking food...

Thank you for reading!