Curriculum Vitae

Name	Nguyễn Thông Thái
Job Title	iOS Developer
Date of Birth	10 May 1989
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I specialize in iOS development with over 3 years of experience in Objective-C. I am also highly interested in image processing field. My objective is to become an expert iOS developer by seeking a challenging project to grow professionally, strengthening my technical and analytical skills, and earning good reputation with whom I work.
I am highly looking for job in image processing and Augmented Reality areas.

Education

Bachelor of Software Engineering – FPT University, January 2013.
GPA: 8.5
Rank: Very good.

Work experience

- iOS Developer – FPT Sostware. May 2011 – June 2012
- iOS Developer – Rikkei Software. January 2013 – June 2013
- Senior iOS Developer – Kloon. June 2013 – August 2013
- Senior iOS Developer – Seta International. August 2103 – Present

Projects

1. CCBOXX – iPad application (August 2011- June 2012)

Client: Fujifilm Corporation, Japanese.
Project size: 7 persons.
Position: iOS developer – FPT Software.
Project description: Interactive application used by cinematographers to enable high-precision color management in digital motion picture shooting of feature films, TV shows and commercials. The application offers intuitive operation for real-time precise previewing on-set, real-time on-set color correction, image analyzing. That change will be sent to a hardware unit that deliver high-speed and high-precision image processing and then it will affect directly to color that would appear on cinema screen. A trial version of CCBOXX is currently free on AppStore. My task on project is developing several modules that help user can interact with the app easily and friendly.
Here is the article about product: http://www.fujifilm.com/products/motion_picture/information/1206_01.html
AppStore link: https://itunes.apple.com/us/app/is-100-app/id477388514?mt=8
Used technical: RESTful web service, asynchronous socket, core graphic (QuartzCore framework), XML Parser.

2. iCardPro – iPhone application (August 2012- December 2012)

A Thesis project

Project size: 2 persons (iOS developer and web developer).

Position: iOS Developer – A thesis project on FPT University.

Project description: The application scans and recognized information such as name, organization, address, phone number… of captured business card. To improve the quality of detected result, the app has developed image pre-processing algorithms. It includes some steps: Converting image to gray scale, remove background, threshold, remove noise, skew detection and correction. . It is also helps a job of managing business cards become more effective and easily by providing management function and synchronization data between client and server.

Used technical: Image processing, SOAP protocol, synchronization data between client and server, synchronization contact between application and device, core data.

3. KnockKnock – iPhone application (January 2013 - May 2013)

Client: More Communication, Japanese.

Project size: 3 persons (Project manager, Android developer and iOS developer)

Position: iOS Developer – Rikkei Soft.

Project description: A social network that allows user to send message, photo, recording audio to anybody else. Users can make friend with others and chat with them. By using point on application, users can buy a lot of beautiful templates and characters to decorate their message. KnockKnock is currently available on AppStore and has over 5000 active users.

AppStore link: https://itunes.apple.com/nz/app/knock-knock-send-messages/id594763367?mt=8

App Website: http://www.knock2.net

Used technical: Chatting via socket, REST API, JSON, SQLlife, Push notification, Audio framework (AVFoundation), In-app purchase, core graphic, iAD.

4. Papelook – iPhone application

Project size: 2 persons.

Position: iOS Developer – Rikkei Soft.

Project description: A photo edit application that allows user to crop photos, edit layouts, decorate, insert text, change photo color style... User can make your interesting photo with pictures of friends from photo library, Facebook's photo and post it on Facebook, Twitter. Papelook is currently available on AppStore with over 12 million downloads.

AppStore link:

Used technical: iAd, In-app purchase, core graphic, core data, image processing.

5. RightMeds – iPad application

Project size: 2 persons.

Position: iOS Developer - Freelancer.

Project description: RightMeds is a system that contains a back-end server and 4 iPad applications as client. This is a huge and private project for Active Care Group (http://www/activecarepharmacy.com) – a pharmacy in Hong Kong. I had a trip to Hong Kong on 2013 to learn about overall system and project requirement.

Used technical: Core data, push notification, printer, reading a patients and doctor card using Bluetooth card reader. Face recognition algorithm which contain pre-processing image process, face detection and face matching using opencv.

6. PSA – iPad application

Project size: 10 persons.

Position: iOS Developer – Seta International.

Project description: A product is developed for Gulliver International, Japan' largest used-car company. The system has been deployed on some showroom in Bangkok, Thailand. It helps a manager/Inspector for

managing, introducing and selling a car to customer. It was a huge and private project and have 4 iPad application.

Here is an article about the system: http://www.bangkokpost.com/business/marketing/420705/gulliver-thinks-big-in-thailand

AppStore link:

Used technical: iAd, In-app purchase, core graphic, core data, image processing.

7. Other applications available on AppStore

Fanbase: An essential application for Forest football fans
https://itunes.apple.com/us/app/forest-fanbase/id684073136?mt=8

Aroma Salon: https://itunes.apple.com/au/app/aroma-salon/id719829774?mt=8

Brittana Challenger: https://itunes.apple.com/us/app/brittana-challenge/id673014149?mt=8

Holy Book: https://itunes.apple.com/us/app/bible-holy-book-edition-for/id725416467?mt=8

Skills

- **Professional:** Working with HTTP REST, JSON API, SQLLife, CoreData, Cocoa touch, core media, core graphic, socket, custom controls.
- **Familiarity:** XML, XSLT, SQL server
- Have experience in image processing field.

Language

- Vietnamese: Native language.
- English: Fluent (Reading, writing, listening),intermediate(Speaking).
- Japanese: N3