JIANG Yi

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Profile

I am a senior iOS app developer. I have 8 years iOS app development experience including over 6 years commercial application developing experience. I earned two master's degrees in engineering study and ICT respectively. I have over 6 years security system industry working experience and two years start-up company working exerience. Now, I am working in Optus as senior iOS developer.

Key Strengths

- Strong iOS Swift coding experience
- Full stack developing experience
- Cross platform coding skills (iOS, Linux, Android, Windows)
- Curiosity in emerging technologies
- Learning Agility
- Strong Working Ethic
- Strong Communication Skills

Skills

- Proficient in using **Swift**, **Objective-C** to develop commercial mobile apps.
- Proficient in **MVVM** design pattern with or without **RxSwift**.
- Trained by McKenzie to running an **Agile Squad** in **Tribe**.
- Proficient in **Accessibility**, **PushNotification**, **CoreLocation**, **MapKit**, **iBeacons**, **ARKit**, **SceneKit**.
- Proficient in **DJI SDK**, **Alamofire**, **Facebook SDK**, **Google Serial SDKs**, **Ably SDK**
- Proficient in **Git**, **TDD** in **Vim** and **Xcode** working environment.
- Intermediate in information security, major in **mobile app security assessment**.
- Proficient in using **Xcode Instruments** to tunning time performance and memory leaking development

Other ICT skills:

- Proficient in **Go** and **PHP** in commercial mobile app with **RESTful** backend service
- Using **Java**, **C**, **Delphi** and **LabView** in industrial software development.
- Using CA-Clipper and dBase in a legacy (**30+ years old langurage**) database system.

Career Experience

Apr 2018 - Now   Senior iOS Developer, Optus, Sydney

Key Tech: iOS, Swift 4, Git, CI/CD

Optus is the second largest telecommunications company in Australia.

Duties and Responsibilities:

- Develop new features for MyOptus App (MOA)
- Develop and update accessibility feature.
- Maintain business as usual(BAU) tasks
- Working with our squard members in the tribe to take ownership of project
- Review other iOS developers' Pull Request
- Setup and maintain CI/CD server for tribe

Aug 2017 - Mar 2018   iOS Team Leader, Thred, Sydney

Key Tech: Swift 4, ARKit, SceneKit, Git

Thred is an ASX listed startup company. It is an innovative technology company specialising in augmented reality and location-based technologies. It created an instant messaging app Sweep, with AR and geolocation feature.

Duties and Responsibilities:

- Develop new features for Sweep
- Managing the iOS develop team
- Managing and organising app release in App Store

Feb 2017 - Now   Full Stack Developer, Siphty Pty Ltd, Sydney

Key Tech: Swift 3, Golang, Git, DJI Mobile SDK

Siphty is a startup company fund by me with my friends. It hosts our innovation projects. The main products are ADS-B serial apps and computer graphic/computer vision projects. The HMD+ is a drone remote controller app provides low attitude aircraft collision avoiding and No-Fly Zones notice. The ADSB Radar is an app with live virtual aircraft radar and Geographic AR view.

Duties and Responsibilities:

- Design and developing iOS apps
- Managing and organising App Store account
- Planning road maps for products strategy

May 2016 - Feb 2017   Mobile App Developer, MobileDEN Pty Ltd, Sydney

Key Tech: Swift 3, Objective-C, Java, Git

MobileDEN is a startup mobile app agent company. It has several well-known fast-food franchise customers, such as Starbucks, Red Rooster and Oporto.

Duties and Responsibilities:

- Developing iOS apps
- Maintaining previous iOS project

May 2010 - April 2016   Mobile App Developer, Digiflex Pty Ltd, Sydney

Key Tech: Objective-c, Swift, Java, Go, PHP, Git, dBase, Delphi, LabVIEW

Digiflex is a native Australian electronic security company which provides access control security solution, designs and produces a serial of control panels and modules for BOSCH Security Australia.

Duties and Responsibilities:

- Leading iOS app project team
- Assessing iOS app security
- Developing Android apps
- Developing back end app server

Other Duties:

- Maintaining PCB tester program on LabVIEW and National Instruments;
- Developed firmware programming application platform application by Delphi;
- Maintaining Inventory Database CA-Clipper code dBASE structure

2009   Help-desk Technician, Aegon-Cnooc Life Insurance Corporation, Shanghai

Key Tech: Enterprise resource planning (ERP), Active Directory, Windows Server, SQL Server

AEGON-CNOOC Life Insurance Corporation is funded by two Fortune 500 enterprises, AEGON and CNOOC.

Duties and Responsibilities:

- Provide level 2 helpdesk service daily
- Process routine for business continuing process in English working environment at headquarter.

Academic Experience

2008 Master of ICT
Department of Computing, Macquarie University
Major in information security and project management.

2007 Master of Engineering Study
Engineering Faculty, University of Technology, Sydney
Major in machine learning and computer control

2004 Bachelor of Computing Science
Lanzhou University, China
Major in software engineering.

Continuing Education

2010 Postgraduate Diploma of Business
Business Faculty (Sydney campus), University of South Queensland
Major in E-commerce and project management.

Projects

Commercial Apps & Softwares

MyOptus

Key Tech: Swift, Objective-C
Web Page: https://itunes.apple.com/au/app/my-optus/id503716230
Description: MyOptus is the best place to manage everything from billing to data usage for Optus mobile account and Optus broadband account.
Roles: Senior iOS Developer

Sweep

Key Tech: Swift, Vuforia, SceneKit
Web Page: https://itunes.apple.com/au/app/sweep-chat-and-connect/id1183636799

Description: Sweep is a free app that allows users to engage with the world around them in a completely new way.Whether the user is sitting at a bar, in a university lecture hall or waiting for a train, Sweep's unique Geochat features allow users to unlock exclusive chats based on their location.
Roles: iOS Team Lead, Senior iOS Developer

HMD+

Key Tech: Swift, DJI SDK
Web Page: https://www.siphty.com/adsb-hmd
Description: HMD+ is a DJI drone remote controller application with ADS-B collision avoiding system. It provides first person view and geographic AR view. It also warning drone operator to avoid drone No-Fly Zones.
Roles: Project Owner and Developer

ADSB Radar

Key Tech: Swift, ADS-B, Golang
App Store: https://goo.gl/WjwxVG
Description: This app is an ADSB vertical radar with Geographic AR view. It can access an ADSB backend server to update all aircraft around a specific geographic location.
Roles: Project Owner and Developer

Starbucks Australia (iOS)

Key Tech: Objective-C, iOS
App Store: https://goo.gl/b2Xnti
Description: The official iOS app of the Starbucks Australia.
Roles: iOS Developer

Oporto Flame Rewards (iOS)

Key Tech: Objective-C, Swift 3, iOS
App Store: https://goo.gl/T3dbnc
Description: The official royalty app of the Oporto.
Roles: iOS Developer

Red Rooster Royalty(iOS)

Key Tech: Objective-C, Swift 3, iOS
App Store: https://goo.gl/PtBojM
Description: The official royalty app of the Red Royalty.
Roles: iOS Developer

[MyAlarm SMS Control (iOS)](#)

Key Tech: Objective-C, iOS
App Store: https://goo.gl/lGCZE2
Description: This app allows the user to create and save SMS control templates for security system.
Roles: App Designer & iOS Developer

[MyAlarm SMS Control (Android)](#)

Key Tech: Java, Android
URL: https://goo.gl/o4Jt9d
Description: This app is MyAlarm SMS Control Android edition.
Roles: App Designer & Project Manager

MyAlarm Mobile App Backend Server

Key Tech: PHP, Golang, SQL, RESTful
Description: This is a RESTful backend service for SMS Reports app.
Roles: API Designer, Web Service Designer & only Developer

[MyAlarm SMS Reports (iOS)](#)

Key Tech: Objective-C, iOS
App Store: https://goo.gl/nxh1pv
Description: This app allows the user to receive Push Notification from the compatible alarm system.
Roles: System Designer, App Developer and Backend Server Developer

[MyAlarm SMS Reports (Android)](#)

Key Tech: Java, Android
URL: https://goo.gl/Y1nOh8
Description: It is Android edition MyAlarm SMS Reports app.
Roles: Application Designer & Project Manager

[MyAlarm iFob Control (iOS)](#)

Key Tech: Objective-C, iOS, Cryptography
App Store: https://goo.gl/u6WF82
Description: This app is a remote application for MyAlarm and Bosch alarm system.
Roles: Framework Designer & Application Developer

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