

JIANG Yi

Address:

Unit 5 / 43-47 Cross Rd.
Baulkham Hills NSW 2153

Mobile: 0433 092 885

Email: jiang.yi.work@gmail.com

LinkedIn: <https://www.linkedin.com/in/jiang-yi-siphty>

Github: <https://github.com/jiang-yi-siphty>

Profile

I am a mobile app and backend server developer. I have 8 years mobile app development experience including over 6 years experience in commercial application developing. I earned two master's degrees in engineering study and ICT respectively. I have over 6 years security system industry working experience in a native Australian company.

Key Strengths

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

Skills

- Proficient in using **Swift 3**, **DJI SDK**, **Objective-C**, **Go** and **PHP** in commercial mobile app with **RESTful** backend service development.
 - Proficient in using **Xcode Instruments** to tuning time performance and memory leaking.
 - Proficient in **Git**, **Unix-like OS**, **Vim** and **Xcode** working environment.
 - Proficient in morden design parttens like: **MVVM**, **MVP**
 - Intermediate in information security, major in **mobile app security assessment**.
- Other ICT skills:**
- Using **Java**, **C**, **C++**, **Delphi** and **LabView** in industrial software development.
 - Using **CA-Clipper** and **dBase** in a legacy (**30+ years old**) database system.

Career Experience

Aug 2017 - Now iOS Team Leader, Thred, Sydney

Key Tech: Swift 3, 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

Mar 2017 - Now Mobile App Developer, Self-employed, Sydney

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

Siphty is an company fund by myself. It hosts my personal innovation projects. The main products are ADS-B serial apps. The ADSB 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:

I dedicated myself to the IT department as a level 2 helpdesk technician to provide comprehensive IT support and perform a daily 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

Sweep

Key Tech: Swift 3, DJI SDK

Web Page: <https://www.siphty.com/adsb-hmd>

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 Leader, Senior iOS Developer

ADSB HMD

Key Tech: Swift 3, DJI SDK

Web Page: <https://www.siphty.com/adsb-hmd>

Description: ADSB 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 3, 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/IGCZE2>

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

Aug 2017 Edition