Yi JIANG

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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
- 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 development.
Proficient in **Git**, **Unix-like OS**, **Vim** and **Xcode** working environment.
Intermediate in information security, major in **mobile app security assessment**.
Other ICT skills:
Using Java, C, Delphi and LabView in industrial software development.
Using CA-Clipper and dBase in a legacy database system.

Career Experience

Mar 2017 - Now   Mobile App Developer, Self-employed

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

I am self-employed, and concentrated on 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

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

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

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

ADSB HMD

Key Tech: Swift 3, DJI SDK
Web Page: https://www.siphty.com/adsb-hmd
Description: The 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

Jul 2017 Edition