

# Yang Jiang

SOFTWARE ENGINEER · ANDROID DEVELOPER

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*Working on Android is so much more than a job, it is my passion in life, and keeps me staying motivated.*

## Summary

**Specialty** Android app development, Scrum, TDD, Git, Java, Go, Kotlin  
**Experience** iPhone app development, Web services, DSL, Python, JS, Groovy, C#, C/C++  
**Comfortable** Oracle database, TensorFlow, GLES, GLSL

## Employment

### Fiserv. New Zealand

Auckland, New Zealand

MOBILE DEVELOPER, PRODUCT DEVELOPMENT, MOBILE SOLUTIONS

Oct 2014 – Present

- Work with Scrum team to develop dynamic brandable [Android/iPhone](#) online banking App
- As test engineer for 4 months to continuously develop automation test module by C#; 3 months Scrum master

### Freelance

Auckland, New Zealand

ANDROID DEVELOPER

Aug 2014

- Developed independently by Go for Android [Sudoku](#) game App development  
Knuth's Algorithm X based runtime Sudoku puzzle; Efficiency at the millisecond level, strong random and unique solution

### Freelance for PerfectEnglish

Guangzhou, Guangdong, China

ANDROID DEVELOPER

Mar 2012 – Apr 2012

- Developed independently for Android [PerfectEnglish](#) App development  
Video player, Subtitle calibration, Voice recorder; Vocabulary study by Ebbinghaus Forgetting Curve, Dictionary service

### Inventec Co. Ltd.

Shanghai, China

ANDROID DEVELOPER, OPERATING SYSTEMS DEVELOPMENT SECTION, RESEARCH AND DEVELOPMENT DEPARTMENT

Nov 2009 – Dec 2011

- [Dr.eye](#) mini netbook build-in Android Apps development  
[Dr.eye Dictionary](#), Multimedia ebook, TOEIC Online, Weather App & widget
- Client customized Dr.eye Dictionary: Dictionary for HTC, Dictionary for Asus Android 3.1 Tablet, Dictionary for Foxconn
- RED5 video chat research

## Education

### Massey University

Auckland, New Zealand

MASTER OF INFORMATION SCIENCES (SOFTWARE ENGINEERING)

Feb 2016 – Nov 2016

- [A+]Immersion experience of geographic data visualization  
Android VR App (java), GPU programming (GLES, GLSL), Server (Go);  
KML format data synchronization and analysis; Wikipedia Opensearch APIs; ray-object intersection research

### Massey University

Auckland, New Zealand

POSTGRADUATE DIPLOMA IN INFORMATION SCIENCE (SOFTWARE ENGINEERING)

Jul 2013 – Jul 2014

- [A+] Mobile Systems Development, [A+] Studies in Operating Systems and Architecture, [A+] Rapid Application Development,  
[A] Computer Graphics, [A] Studies in the Practice of Computing, [B] Object-Oriented Software Development,  
[B] Studies in Computer Programming, [B-] Agile Software Engineering

### Massey University

Auckland, New Zealand

ENGLISH LANGUAGE AND ACADEMIC READING/Writing

Sep 2012 – Jun 2013

### Xiamen University

Xiamen, Fujian, China

BACHELOR OF SCIENCE IN ELECTRONICS AND COMMUNICATIONS ENGINEERING

Sep 2005 – Jun 2009

- Undergraduate Project Award: Microcontroller based traffic light control system  
AT89S52 assembly programming; 8225A, 74HC245; design and produce Printed circuit board