

# Yang Jiang

SOFTWARE ENGINEER · ANDROID DEVELOPER

12 Mural Place, Greenhithe, Auckland 0632, New Zealand

☎ (+64) 02102625225 | ✉ jiangyang5157@gmail.com | 📱 jiangyang5157 | 🌐 jiangyang5157 | 🗣 hpepsic

*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, Kotlin, Java, Flutter, Go, TDD, Git  
**Experience** Dart, JS, Groovy, DSL, C#, C/C++  
**Comfortable** iPhone app development, Python, HTML, GLES, GLSL

## Employment

### Fiserv. New Zealand

Auckland, New Zealand

MOBILE DEVELOPER, PRODUCT DEVELOPMENT, MOBILE SOLUTIONS

Oct 2014 – Present

- Developed dynamic brandable [Android/iPhone](#) online banking App – took on the role of Scrum Master, when needed
- Test engineer to continuously develop automation test module by C# - 3 months only, we are now doing native unit test and UI automations
- Feature lead for Android Biometrics login, Payments Plugin integration, Dynamic branding v2
- Worked on Guice Injection implementation
- Worked on EventBus replacement and redesigned for better use
- Worked on the Out-Of-Band Authentication, Remote Deposit Capture (Camera2), Transfer, Payments, Location map, Calendar, etc
- Main responsibilities are using Kotlin to maintain a high quality product, including: team's feature work, stabilization and production support
- Played with tools and languages: Android Studio, Jenkins, git, Kotlin, Java, JavaScript, Groovy

### 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**

ENGLISH LANGUAGE AND ACADEMIC READING/WRITING

*Auckland, New Zealand*

*Sep 2012 – Jun 2013*

## **Xiamen University**

BACHELOR OF SCIENCE IN ELECTRONICS AND COMMUNICATIONS ENGINEERING

*Xiamen, Fujian, China*

*Sep 2005 – Jun 2009*

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