

# 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, Kotlin, Java, Flutter, Dart, Go, TDD, Git  
**Experience** JS, Groovy, C#, C/C++, DSL  
**Comfortable** Machine Learning, Python, iPhone, HTML, GPU Programming

## Employment

### Fiserv. New Zealand

Auckland, New Zealand

SENIOR MOBILE DEVELOPER, PRODUCT DEVELOPMENT, MOBILE SOLUTIONS

Oct 2014 – Present

- Developed dynamic brandable [Android/iPhone](#) online banking App
- Developed custom branded online banking Apps
- Main responsibilities are:
  - \* Software delivery and maintenance.
  - \* Responsible for any Android work, defect fix, and product support.
  - \* Reduce code warnings, improve test coverage, and code review.
  - \* Supervising and improve code quality, test coverage.
  - \* Investigate new Mobile technologies and tools.
  - \* Raise proposal that benefits to project.
  - \* Guide the new comers and knowledge sharing.
  - \* Support and work with different teams
  - \* Supervising modularization
- Lead / go-to person of recent Android work:
  - FCM Push Notification, Router / Deeplinks, Modularization, DI (Hilt), EventBus, Dark theme / Dynamic branding, Biometrics login, Clean Architecture
  - Remote Deposit Capture (Camera), ePayments, ...
- Involved in features:
  - DI (Guice), Modularization, Authentication, Camera2, Transfer, Payments, Location, Calendar, Quick links, Cards, ...
- Played with tools, and languages in Fiserv:
  - Android Studio, Jenkins, Fastlane, Git, Kotlin, Java, JavaScript, Groovy, Python, Bash, Flutter, ...

### 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 generator; 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 notebook 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 (GLSL, 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