

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.
 - * 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
- Lead / go-to person of recent Android work:
 - Router / Deeplinks, Modularization for projects, DI (Dagger), EventBus, Dark theme / Dynamic branding, Biometrics login, Remote Deposit Capture (Camera), ePayments, ...
- Involved in features:
 - DI (Guice), Authentication, Camera2, Transfer, Payments, Location, Calendar, Quick links, ...
- Played with tools, and languages in Fiserv:
 - Android Studio, Jenkins, Fastlane, Git, Kotlin, Java, JavaScript, Groovy, Python, Bash, Appdome, ...

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 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 (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