

xiao bao clark

contact

x@xbc.nz

web

blog.xbc.nz
github.com/xbao

location

Auckland, New Zealand

age

28

languages

english

programming

kotlin
java
c++
ruby
bash

vcs

git

ide

android studio/idea

misc

adb
docker
jenkins
bitbucket
JIRA
markdown
material design
rxjava

projects

2017	AusPost Android Wear app maintenance.	Outware Mobile
2016-2017	Qantas Loyalty OAuth based authentication. UI and animation.	Outware Mobile
2016	Officeworks Greenfield app. UI and animation.	Outware Mobile
2016	Anonymous Internal app. Custom UI components.	Outware Mobile
2015	nib Material UI update.	Outware Mobile
2015	Better Health Channel Material UI update.	Outware Mobile
2014	ClipCaster PoC of vulnerability in password managers on Android. Ars Technica article: arstechnica.com/?p=575021 .	Personal
2014	Let Me In Two-factor auth.	Active Mobile Security
2012-2014	FireDroid Security framework for Android.	Active Mobile Security

experience

2015-2017	OUTWARE MOBILE Outware Mobile is a mobile consultancy based in Melbourne. Duties <ul style="list-style-type: none">• Android development and estimation• Participation in discussions about department-wide coding practices• Onboarding new developers Achievements <ul style="list-style-type: none">• nib won a silver mobile design award• Officeworks has 4.7 rating in the Play store• Great feedback from colleagues and clients	Melbourne & Sydney, Australia
2012-2014	ACTIVE MOBILE SECURITY This job centred around FireDroid, a security framework for the Android OS. Duties <ul style="list-style-type: none">• C++ development, low-level Android deployment• Working with companies on site during trials• Discussing and challenging technical decisions with tech lead• Assisting other developers Achievements <ul style="list-style-type: none">• Pushed for and facilitated the move to C++11• Performed well under pressure• Trials with three major international companies	Auckland, New Zealand

education

- 2012 **Bachelor of Science (Honours)** Computer Science The University of Auckland, New Zealand
- 2009–2011 **Bachelor of Science** Computer Science The University of Auckland, New Zealand

awards

- 2013 **John Butcher One-Tick Scholarships for Postgrad Study in Computer Science**
The University of Auckland, New Zealand
Awarded for potential to succeed or contribute to the field of computer science. At most two awarded annually.
- 2012 **First Class Honours**
The University of Auckland, New Zealand
Awarded for an A- average across all graduate-level classes and the dissertation
- 2012 **Top in class - Advanced Computer Graphics**
The University of Auckland, New Zealand
Awarded to the top student in each graduate-level class

interests

professional programming, profiling and optimisation, animation, usability

personal reading, video games

publications

peer-reviewed conferences/proceedings

An investigation into graph cut parameter optimisation for image-fusion applications.

Xiao Bao Clark, Jackson G. Finlay, Andrew J. Wilson, Keith L. J. Milburn, Minh Hoang Nguyen, Christof Lutteroth, Burkhard Wünsche

IVCNZ, 2012