Robert **Fardoulys**

✉ robertfardoulys@gmail.com | ▢ (+61) 417351212 | ◆ Brisbane, QLD Australia

Education History

Anglican Church Grammar School *Brisbane, QLD Australia*
HIGH SCHOOL CERTIFICATE *2014*

Queensland University of Technology *Brisbane, QLD Australia*
BS IN COMPUTER SCIENCE *Feb 2015 – Jul 2018*

KTH Royal Institute of Technology *Stockholm, Sweden*
EXCHANGE PROGRAM IN COMPUTER SCIENCE / GAME DESIGN *Aug 2016 – Jan 2017*

Work Experience

Greenlight *Brisbane City, QLD Australia*
DESKTOP SUPPORT ENGINEER *Aug 2017 – Nov 2017*
• Contract Desktop support for the Queensland Government Department of Health, and ProBuild.

MEX Maintenance Experts *Brisbane, QLD Australia*
IOS DEVELOPER *Jan 2015 – Jan 2016*
• Objective-C IOS development, integrating social services with Apple maps.

Skills

Programming:	Java, C, C++, C#, Python, Rust, LaTex
Linux / Unix:	Command line, systems/network administration
Networking / Network programming:	Server/router programming, firewall rules, posix network programming
Design:	Photoshop, CAD, UI / UX design
Git:	Source control, collaborative programming

Research

A guide to building safe NFC systems *Supervised by Dr Ernest Foo*
A LITERATURE REVIEW OF THE STATE AND HISTORY OF NFC SECURITY, WITH A FOCUS ON BUILDING MODERN SAFE *LaTex, Python, Bash*
NFC BASED SYSTEMS.

Practical Mifare Classic authentication *Supervised by Dr Mathew Mckauge*
A DEVELOPMENT PROJECT TESTING ATTACKS AND MITIGATIONS FOR MIFARE CARD SYSTEMS. *LaTex, Python, C*

Interests

Security:	Hardware, Networks, Binary
Programming:	Firmware development, python automation
Cooking:	Everything
Art:	Painting, Drawing, Portraiture, Photography
Maths:	Shader Maths, Algorithms, Lossless compression
Dogs:	Dogs