

# Robert Fardoulys

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

## Education History

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### Anglican Church Grammar School

HIGH SCHOOL CERTIFICATE

Brisbane, QLD Australia

2014

### Queensland University of Technology

BS IN COMPUTER SCIENCE

Brisbane, QLD Australia

Feb 2015 – Jul 2018

### KTH Royal Institute of Technology

EXCHANGE PROGRAM IN COMPUTER SCIENCE / GAME DESIGN

Stockholm, Sweden

Aug 2016 – Jan 2017

## Work Experience

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### Greenlight

DESKTOP SUPPORT ENGINEER

- Contract Desktop support for the Queensland Government Department of Health, and ProBuild.

Brisbane City, QLD Australia

Aug 2017 – Nov 2017

### MEX Maintenance Experts

IOS DEVELOPER

- Objective-C IOS development, integrating social services with Apple maps.

Brisbane, QLD Australia

Jan 2015 – Jan 2016

## Skills

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### 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

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### A guide to building safe NFC systems

A LITERATURE REVIEW OF THE STATE AND HISTORY OF NFC SECURITY, WITH A FOCUS ON BUILDING MODERN SAFE NFC BASED SYSTEMS.

Supervised by Dr Ernest Foo

LaTeX, Python, Bash

### Practical Mifare Classic authentication

A DEVELOPMENT PROJECT TESTING ATTACKS AND MITIGATIONS FOR MIFARE CARD SYSTEMS.

Supervised by Dr Mathew Mckauge

LaTeX, Python, C

## Interests

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**Security:** Hardware, Networks, Binary

**Programming:** Firmware development, python automation

**Cooking:** Everything

**Art:** Painting, Drawing, Portraiture, Photography

**Maths:** Shader Maths, Algorithms, Lossless compression

**Dogs:** Dogs