

# Robert Fardoulys

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## 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

Brisbane, QLD Australia

Jan 2015 – Jan 2016

### Domino's Pizza Enterprises

GRADUATE SOFTWARE ENGINEER

- Full stack Agile web development
- Big data operations with AWS

Hamilton, Brisbane, QLD Australia

Jan 2019 – present

## Skills

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**Programming:** Java, C, C++, C#, Python, LaTeX, Javascript, Typescript, HTML, CSS

**Linux / Unix:** Command line, systems/network administration

**Design:** Photoshop, Frontend Web 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, Social Engineering, Physical Security

**Programming:** Firmware, Automation, Game Development/ Gamification

**Art:** Painting, Drawing, Portraiture

**Film:** Horror, Sci-fi

## Awards

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**Code Network Winter Hackathon:** Individual prize

