

Robert Fardoulys

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Education History

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

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

Programming:

Java, C, C++, C#, Python, LaTeX, Javascript, Typescript, HTML, CSS

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

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

Security: Hardware, Networks, Binary

Programming: Firmware development, python automation

Cooking: Everything

Art: Painting, Drawing, Portraiture, Photography

Maths: Shader Maths, Algorithms, Lossless compression

Dogs: Dogs

Awards

Code Network Winter Hackathon: Individual prize