

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

Brisbane, QLD Australia

Jan 2015 – Jan 2016

Domino's Pizza Enterprises

GRADUATE SOFTWARE ENGINEER

- Agile web development
 - React
 - React Native
 - AngularJS
 - HTML/CSS/JS
 - Docker
- Big data operations with AWS
- .Net/ .Net core/ ASP.Net Backend development with Azure
- Cloud operations + deployment

Hamilton, Brisbane, QLD Australia

Jan 2019 – Nov 2019

Skills

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

Linux / Unix: Command line, systems/network administration

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: IoT Security, Physical Security, Network Security, Malware analysis

Programming: Automation, Game Development/ Gamification

Hardware: NFC, Mechanical keyboards, Raspberry Pi

Awards

Code Network Winter Hackathon: Individual prize