Robert **Fardoulys**

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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*

University of Queensland   *Brisbane, QLD Australia*
MASTER OF CYBER SECURITY   *Aug 2020 - Present*

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

Domino's Pizza Enterprises   *Hamilton, Brisbane, QLD Australia*
GRADUATE SOFTWARE ENGINEER   *Jan 2019 – Nov 2019*
  • 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

Katanya   *Brisbane, QLD Australia*
SOFTWARE DEVELOPER   *Apr 2020 – Aug 2020*
  • Web tooling development
        Javascript Bookmarklets
        HTML5
        CSS
        React
        Gatsby
  • Web content authoring
        Adobe AEM
        UAT

Skills

Programming: Java, C, C++, C#, Python, Powershell, Javascript, Typescript, HTML, CSS
Linux / Unix: Command line, systems/network administration
Git: Source control, collaborative programming
Malware analysis: Static/Dynamic analysis of 32bit malware

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 NFC BASED SYSTEMS.

LaTeX, Python, Bash

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: 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