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*

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 – present*
- Full stack Agile web development
- Big data operations with AWS

Skills

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

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: Hardware, Social Engineering, Physical Security
Programming: Firmware, Automation, Game Development/ Gamification
Art: Painting, Drawing, Portraiture
Film: Horror, Sci-fi

Awards

Code Network Winter Hackathon: Individual prize