

# Ethan Jackwitz

[ejackwitz.com](http://ejackwitz.com)

South Brisbane

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## Education

### Griffith University

Bachelor of Engineering

Major Software Engineering

Current GPA 5.4

#### Relevant Coursework:

Object Oriented Programming, Programming Mobile Applications, Database Design, C and Unix Programming, Discrete Mathematics, Microprocessor Techniques, Systems Programming, Optimisation Techniques

Feb 2013 - Nov 2016

(expected)

## Related Experience

### Independent Development

#### Personal Website Design & Development

Currently working to develop a personal website to accompany this resume and showcase the work I have done. The website is hosted on github pages and created by hand with HTML5, CSS3 and Javascript leveraging the Green Sock Animation Platform.

Jul 2015 - Aug 2015

#### Scrabble Solver iOS App

Currently also working on independently developing an iOS app that enables users to solve word puzzles such as those in Scrabble™ and similar games. This app is being created in Swift with custom designed UI elements.

Jun 2015 - Dec 2015

(expected)

### Academic Work

#### Research Assistant - Present Paper

After completing my contribution to a previous paper I was asked to assist with another. This paper is being drafted presently with my role being to adapt NSGA-II to a different model problem.

Jul 2015 - Present

(on-going)

#### App Development For Queensland Police Service

As part of my degree with Griffith we are required to participate in an 'Industry Project'. As part of my Industry Project I am working with a team of students to develop an iOS app to educate children on cyber safety in schools.

Feb 2015 - Nov 2015

(on-going)

#### Research Assistant - Past Paper

As a part of my work on optimisation techniques I have made contributions to a paper. My contribution involved adapting and implementing an evolutionary based optimisation algorithm to find a set of optimal solutions to a generalised assignment problem. This was done in C using select C++ features. A link to this paper will be available on my website.

Feb 2015 - Jun 2015

(not yet published)

## Technical Skills

**Programming:** C, C++, Obj.C, Swift, SQL, HTML, CSS, Javascript, jQuery, JSON, XML, Java

**Software Skills:** Linux, OSX, iOS, Web/App Design, Git, Storyboarding

**Event Attendee:** Mobile Monday BNE, CocoaheadsBNE

## Portfolio

Work samples available at

[ejackwitz.com](http://ejackwitz.com)

Example code available at

[github.com/vdka](https://github.com/vdka)