

# William Madden

## Curriculum Vitae

### Technical Skills

#### Frontend design and development

- JavaScript (and HTML, CSS, and related web technologies) - 7 years experience
- AngularJS - 2 years experience
- Single page app technologies (Node.js, Grunt/Bower/Yeoman, Chrome platform APIs, Cordova/Phonegap) - 1 year experience
- Flex - 4 years experience

#### Backend development

- Ruby on Rails - 7 years experience
- Node.js (Meteor, Express) - <1 year experience

### Education

#### The University of Melbourne (2006 - 2011) Melbourne, Australia

- Bachelor of Computer Science

### Professional Experience

#### Geddit, Founder (2012 - 2014)

Berlin, Germany - [letsGEDdit.com](http://letsGEDdit.com)

- Geddit enables teachers to collect and use real-time individual learning data to deliver personalised education to every student, via web apps and dashboards
- Ruby on Rails, AngularJS, PubNub, deployed on Heroku
- Developed and open-sourced the [Live Resource](#) gem to enable real-time communication over PubNub between Rails and AngularJS
- Implemented SCRUM, designed and built the back- and frontend of the application, and instituted rigorous Q/A processes using Cucumber, Jasmine and RSpec

#### Balanced Tree Software, Founder (2012 - 2013)

Berlin, Germany

- Software/Web development consultancy, custom web software and deployments for clients
- [Collective91](#) – Client, media industry. Media talent marketplace
- Developed client products with Ruby/Ruby on Rails, JavaScript/HTML5, PostgreSQL, Heroku, Amazon EC2, Amazon S3

#### Pro Medicus, Senior UI Developer (2011 - 2012)

Melbourne, Australia - [promedicus.com.au](http://promedicus.com.au)

- Provider of radiology information systems servicing over 70% of radiology centres in Australia
- Worked as part of a SCRUM team leading development of the front-end Flex client
- Established Q/A procedures for the front-end system, refactored code-base for performance, quality and readability, performed memory and performance optimisation, added a test harness and implemented front-end tests, and migrated the existing project from SVN to Git
- Implemented and open-sourced the Promise/Deferred pattern for ActionScript ([ASDeferred](#))

## PlayUp, Senior Developer (2010 - 2011)

Melbourne, Australia - [playup.com](http://playup.com)

- Online social sports games company
- Worked as part of several teams implementing single page web apps and games and Cordova-powered mobile applications in JS (with Backbone) and Ruby on Rails, using SCRUM

## Silverpond, Senior Developer (2007 - 2010)

Melbourne, Australia - [silverpond.com.au](http://silverpond.com.au)

- Software consultancy in Melbourne
- Led frontend development for a number of large client projects in Flex/AS and HTML/JS, with Ruby on Rails and ASP/C# backends

## Referees

### Anthony Hall

Pro Medicus, CTO

- Tel: +61 3 9429 8800
- Email: [hall@promed.com.au](mailto:hall@promed.com.au)

### Jonathan Chang

Silverpond, Managing Director

- Tel: +61 411 727 819
- Email: [jonathan.chang@silverpond.com.au](mailto:jonathan.chang@silverpond.com.au)

### Neil Killick

Product Manager, Red Bubble

(Formerly PlayUp, Product Owner)

- Tel: +61 434 833 963
- Email: [neil@iterative.com.au](mailto:neil@iterative.com.au)
- Web: [neilkillick.com](http://neilkillick.com)

## Profiles

-  [Github](#)
-  [LinkedIn](#)

The latest version of this CV is available online at [wmadden.github.io/cv](http://wmadden.github.io/cv)