

William Madden

Curriculum Vitae

Technical Skills

Front-end design and development

- JavaScript/CoffeeScript - 7 years' experience
- AngularJS - 2 years' experience
- HTML, CSS/SASS/Compass, web page design - 7 years' experience
- Responsive web design - 2 years' experience
- Single page app technologies Node.js, Grunt/Bower/Yeoman, Chrome platform APIs - 1 year experience
- Mobile app development using Cordova/Phonegap - 1 year experience
- Flex - 4 years' experience

Back-end development

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

Methods

- BDD and end-to-end testing with Cucumber - 4 years' experience
- TDD and unit testing with RSpec - 7 years' experience
- TDD and unit testing with Jasmine - 4 years' experience
- SCRUM/Agile - 5 years' experience

Education

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

- Bachelor of Computer Science

Professional Experience

Geddit, Founder (2012 - 2014)

Berlin, Germany - 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, Heroku, Postgres
- 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 front-end 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

- 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

- 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

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

Referees

Anthony Hall

Pro Medicus, CTO

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Neil Killick

Product Manager, Red Bubble
(Formerly PlayUp, Product Owner)

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Jonathan Chang

Silverpond, Managing Director

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Profiles

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

The latest version of this CV is available online at wmadden.github.io/cv