

Dylan Griffith

Curriculum Vitae

WORK EXPERIENCE

JAN 2016 - CURRENT

Senior Software Engineer
PIVOTAL LABS, Sydney

Early member of the Labs Sydney team. We're consultants that specialize in agile methodology and are skilled across a range of technologies. I've personally worked on projects in Ruby on Rails, ReactJS, React Native, Elixir/Phoenix, Java/Spring, Elm, Go. I led teams using Elixir/Phoenix and React Native (though Pivotal Labs has a slightly different approach to tech lead roles).

JUNE 2014 - DEC 2015

Senior Developer
DIGIVIZER, Sydney

I worked on systems for indexing and understanding the social web. We made heavy use of RabbitMQ for asynchronous processing. In summary: RabbitMQ, Postgres, Xapian, ElasticSearch, Ruby, Sinatra, Rails, ReactJS, Angular.

MAY 2013 - JUNE 2014

Software Engineer II
GROUPON, Chicago

Full stack developer for Internal Tools team at Groupon. We built web applications using Rails and Backbone.js, to improve operational efficiency. Also worked on an API using JRuby that managed data across Groupon's Service Oriented Architecture.

NOVEMBER 2012 - APRIL 2013

Graduate Software Engineer
INTEGRATED RESEARCH, Sydney

Worked in C#, .NET, XML, C++, Javascript and Perl.

FEBRUARY 2012 - NOVEMBER 2012

Physics Intern
TOMRA SORTING SOLUTIONS, Sydney
R&D and analysis for mining sorting equipment.

Performing data analysis using Matlab and Excel. I developed several automated tools using Matlab and Perl for data processing which greatly improved the productivity of the data analysis team.

MAR 2012 - NOV 2012

Research in Quantum Computation
THE UNIVERSITY OF SYDNEY
Quantum Information Theory Research.

Honours research project with the Quantum Group involving advanced numerical simulations, written in Matlab and C, to simulate quantum systems.

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📄 http://dylangriffith.net
🔗 https://github.com/DylanGriffith

EDUCATION

2012 **Bachelor of Science with Honours**
First Class Honours
MAJORING IN PHYSICS
The University of Sydney

2009 **Bachelor of Science**
MAJORING IN PHYSICS
The University of New South Wales

AWARDS

2012 **Artificial Intelligence Award**
Top in class - AI (advanced)
The University of Sydney

2008 **Academic Achievement Award**
Scholarship
University of New South Wales

SOFTWARE DEVELOPMENT SKILLS

Skills Ruby, Postgres, *nix, Git
JAVASCRIPT (ReactJS, Angular, Backbone)
C/C++, Java, Elixir, Java/Spring

PROFESSIONAL SKILLS

COMMUNITY I enjoy participating in the community. I have been helping host the monthly Ruby and Elixir meetups at Pivotal. I also regularly attend other meetups and love learning new programming languages. My particular interests lately have been focused on learning Elm and Elixir and talking about it with other passionate developers in Sydney.