

# Dylan Griffith

## Curriculum Vitae

### WORK EXPERIENCE

JAN 2016 - CURRENT

Senior Software Engineer  
PIVOTAL LABS, Sydney

Early member of the labs Sydney team. We are consultants that specialize in agile methodology and are skilled across a range of technologies. I've personally worked on Ruby on Rails, ReactJS, Elixir/Phoenix, Java/Spring.

JUNE 2014 - DEC 2015

Senior Developer  
DIGIVIZER, Sydney

I worked on systems for indexing and understanding the social web. Made heavy use of RabbitMQ. In summary: RabbiMQ, 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 Ruby on Rails and Backbone.js, to improve operational efficiency. Also worked on and api using JRuby that managed data across Groupon's massive 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.

🏠 Sydney, NSW, Australia  
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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

Advanced JAVASCRIPT (ReactJS, Angular, Backbone)  
AI/Machine Learning/Data Mining,  
C/C++, Java, Elixir

Expert Ruby, Postgres, \*nix  
Git

### PROFESSIONAL SKILLS

WRITTEN Excellent documentation and tutorial writing skills.  
Have written Honours Thesis in Quantum Computing with first class honours grade.

VERBAL Strong verbal communication skills.  
I enjoy public speaking and explaining concepts to others.

TEAM Experience in small Agile teams.  
Worked on and delivered team projects following Agile and TDD practices  
Excellent team work and leadership skills.  
Good teaching and mentoring skills.