

ELIZABETH BRAAE

Date of birth	29 April 1987
Place of birth	Cape Town, South Africa
Nationality	Dual: British and South African
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I am a Ruby-on-Rails developer with an MA in analytic philosophy. I have experience making websites and custom web applications using Rails and JavaScript (including some node.js). I am looking for a new challenge to expand my programming skills.

CAREER HISTORY

Jan 2014 – present: **Junior Web Developer** at **Big5 Boutique, Cape Town**

Big5 Boutique (www.big5boutique.com) is a safari-based start up

- Developed various features, including
 - Custom messaging system (modelled on facebook inbox) using Rails and JavaScript
 - Custom search page where users can search safari lodges and tours based on criteria
 - User login using the Devise gem (with custom controllers) and OAuth for facebook, LinkedIn, and Google+ platforms
 - “Add to Favourites” option where user can “favourite” lodges for future reference
- Integration with various booking APIs to show online availability for safari lodges
- Unit tests using RSpec

Technologies used: Ruby, Ruby-on-Rails, RSpec, PostgreSQL, JavaScript (including jQuery, AJAX)

Oct 2013 – Dec 2013: **Web Developer (Intern)** at **Lab19 Digital, Cape Town**

Projects worked on

- Word on the Wire (www.wordonthewire.herokuapp.com), a search application
 - Developed Rails backend for existing site
 - Integration with YouTube and Twitter search APIs
- Contract Vault, a custom web application
 - User login and password reset functionality
 - Integration with Amazon S3 and various invoicing APIs (e.g. Freshbooks, Xero)
 - Unit tests using Supertest

Technologies used: Ruby, Ruby-on-Rails, JavaScript (node.js, Express, Ember.js), mongoDB

Apr 2013 – Sept 2013: **PHP / HTML Developer** at **Refresh Creative Media, Wynberg**

- Developed custom WordPress websites, plug-ins, and widgets to client specifications
- Upgraded legacy PHP websites

Technologies used: PHP, MySQL, WordPress, jQuery, HTML, CSS

TRAINING / EDUCATION

Jul 2013 – Dec 2014 **Non-Degree-Purpose studies, University of South Africa**

I took some correspondence courses in computer science to supplement my programming experience.

2014

Data Structures (94%)

Formal Logic II (97%)

Introduction to Programming II (C++) (88%)

Introduction to Discrete Mathematics (95%)

2013

Linear Algebra (86%)

Computer Systems (94%)

Theoretical Computer Science I (97%)

2011 – Feb 2013 **Master of Arts in Philosophy, University of Cape Town**

Relevant electives: Introduction to Programming (93%, Merit award)

Java and Object-oriented programming (88%)

2006 – 2010 **Bachelor of Arts (Honours) in Philosophy, University of Cape Town**

SKILLS

Rating: + basic skills, ++ intermediate, +++ proficient

Formal Languages		VCS and OS	
Ruby	+++	Git	++
JavaScript	+++	Linux Ubuntu	++
PHP	+	Windows	+
C++	+	Natural Languages	
Databases		English	Mother-tongue
SQL	++	French	Intermediate B1
MongoDB	+	German	Beginner A1
Frameworks			
Ruby-on-Rails	+++		
Ember.js	+		

INTERESTS AND INVOLVEMENTS

Volunteer work

Umonya, Oct 2012 – Jun 2013

- Tutor and text-book editor for the Umonya initiative, which offers Python programming workshops for high school students.

RailsBridge Cape Town, Jan 2014 – Jun 2014

- Organiser and teacher for the Cape Town RailsBridge initiative, which offers workshops in Ruby-on-Rails for women and their friends.

Music

Play both saxophone (ABRSM Gr VII, 2014) and clarinet (ABRSM Gr VIII, 2011)