# ELIZABETH BRAAE

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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, mostly in Rails.

I also have some familiarity with client-side JavaScript frameworks (in particular Ember.js and AngularJS) and I am looking to broaden my programming skills into those of a full-stack developer.

## RECENT CAREER HISTORY

**Software Engineer** at **Bitcrowd GmbH, Berlin Germany**
Apr 2015 – Nov 2015
      Bitcrowd is a Rails and Javascript agency. I worked on various projects to client specifications.
- Developed in-house application to manage e-mail address and users on Dovecot server
- Admin back-ends for various projects, allowing easy access to user statistics and management
- Integrating with Braintree and Stripe payment systems
- Unit tests using RSpec

**Technologies used:** Ruby, JavaScript, Ruby-on-Rails, RSpec, Capybara, Cucumber, PostgreSQL, HAML, SASS, Git

**Junior Web Developer** at **Big5 Boutique, Cape Town South Africa**
Jan 2014 – Jan 2015
      Big5 Boutique is a startup that helps users book safaris online.
- Developed various features including custom messaging system, custom search page, and an "add to Favourites" option where users can "favourite" safari lodges for future reference
- User login and management using Devise (with custom controllers) and OAuth for Facebook, LinkedIn, and Google+ platforms
- Integration with various booking APIs to show online availability for safari lodges

**Technologies used:** Ruby, JavaScript (including Ember.js), Ruby-on-Rails, RSpec, PostgreSQL, HTML, Git

**Intern** at **Lab19 Digital, Cape Town South Africa**
Oct 2013 – Jan 2014
      Lab19 is a web agency. I worked primarily on a web application that allowed users to manage and sign contracts online.
- Developed server-side features in node.js with Express, such as user login and password reset functionality
- Some integration with client-side Ember.js application
- Integration with Amazon S3 and invoicing APIs (Freshbooks, Xero)
- Unit tests in Supertest

**Technologies used:** Ruby, JavaScript (including node.js, Ember.js), Ruby-on-Rails, MongoDB, HTML

## TRAINING / EDUCATION

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

I took correspondence courses to supplement my programming experience.

| | |
|---|---|
| Data Structures (94%) | Linear Algebra (86%) |
| Formal Logic II (97%) | Computer Systems (94%) |
| Intro to Programming II (C++) (88%) | Theoretical Computer Science I (97%) |
| Intro to Discrete Mathematics (95%) | |

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

Relevant electives:

Intro to Programming (Python) (93%, Merit award)

Java and Object-Oriented Programming (88%)

### Bachelor of Arts (Hons) in Philosophy, University of Cape Town
Feb 2006 – Jun 2010

## SKILLS
Rating:  +++ proficient skill, ++ intermediate, + basic

**Formal languages**

| | |
|---|---|
| Ruby | +++ |
| Javascript | ++ |
| Python | ++ |
| Clojure | + |
| C++ | + |

**Databases**

| | |
|---|---|
| SQL | ++ |

**Frameworks**

| | |
|---|---|
| Ruby-on-Rails | +++ |
| Ember | + |

**VCS and OS**

| | |
|---|---|
| Git | +++ |
| Mac OS | ++ |
| Linux Ubuntu | ++ |

**Natural Languages**

| | |
|---|---|
| English | Mother-tongue |
| French | Intermediate B1 |
| German | Beginner A1 |

## INTERESTS AND INVOLVEMENTS

FUNCTIONAL PROGRAMMING
**Clojure Learning Group, Berlin, Germany** (Aug 2015 – Nov 2015)

After attending ClojureBridge in June 2015, I joined a Clojure learning group. We met weekly to work through coding challenges in Clojure.

VOLUNTEER WORK
**RailsBridge, Cape Town South Africa** (Jan 2014 – Jun 2014)

Organiser and teacher for the Cape Town RailsBridge initiative, which offers workshops in Ruby-on-Rails for demographic groups that are underrepresented in the programming industry.

**Umonya, Cape Town South Africa** (Oct 2012 – Jun 2013)

Tutor and textbook editor for Umonya, which offers Python workshops for high school students.