

David Marin

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Find the latest version of this resume [on GitHub](#).

Objective

To rock the world.

I am currently interested in part-time, short-term positions that have a large positive impact.

Work Experience

Yelp, July 2007-October 2012

Senior Software Engineer

Jun 2009-Oct 2012: spam team

- developed new signals for and maintained Yelp's review filter. Responsible for about half of the review filter's functionality at the time I left.

starting Jan 2010: [mrjob](#) Open Source Library (see below)

May 2008-April 2010: i18n, often the sole member of the team

- launched in Canada, UK, Ireland
- revamped US-specific infrastructure to make geographic indexing independent from zipcodes, handle unicode, handle international phone numbers.

July 2007-May 2008: Web Backend Developer:

- search filters
- review sorting
- People Who Viewed this also Viewed...

Location Labs, March 2005-January 2007

Chief Mapping Engineer

Built Java library for deCarta mapping server and designed customized maps.

Built "geo" Java library for map projections.

Organized and warehoused monthly GIS data shipments.

Education

University of California, Berkeley

M.S., Computer Science August 2001-May 2004

Focused on Software Engineering.

Advisor: Susan Graham

Thesis: [What Motivates Programmers to Comment?](#)

B.A., Computer Science, Mathematics August 1996-May 2000

High Honors in Computer Science

Highest Honors in Mathematics

Skills and Expertise

Currently very strong at:

- Python
- Hadoop Streaming, Amazon Elastic MapReduce
- Refactoring/Software Architecture
- MySQL (e.g. gap locking semantics)

Also good with:

Bourne Shell, C, C++, gettext, GIS, HTML5, Java, JavaScript, [Jinja2](#), [Sphinx](#), [Tornado Web Server](#), [Twitter Bootstrap](#)

Open Source

Former maintainer and current primary contributor to [mrjob](#), a Python Hadoop Streaming library that integrates well with Amazon Elastic MapReduce. Over 200,000 downloads from [PyPI](#).

Created and wrote most of:

- [dateglob](#): convert date ranges to glob expressions
- [doloop](#): a task loop for keeping things updated
- [mr3po](#): extra protocols for mrjob
- [s3mysqldump](#): dump tables from MySQL to S3

Also have had patches accepted to [boto](#) and [Tornado](#).