

# 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](#).