
Dmitry Ratnikov <ratnikov@gmail.com>

(312) 725 3905
467 Troutmant St, #2E

Brooklyn, NY 11237

EDUCATION

Illinois Institute of Technology

Bachelor of Science in Computer Science *August 2003 - December 2007*

Bachelor of Science in Physics *August 2003 - December 2007*

WORK EXPERIENCE

Software Engineer at Google, Inc *June 2010 - Present*

Web Developer at Webitects, Inc *February 2008 - April 2010*

- Developer of my.seiu.org networking portal based on Community-Engine platform.
- Lead developer for communitycollab.org social networking portal with 500+ users.
- Lead developer for webitects.com, which was built in 3 weeks.
- Maintained Subversion and Git code repositories.
- Created a dynamic, virtualized staging environment built on VirtualBox.

SIDE PROJECTS

Opendata (<http://opendata.heroku.com>) *October 2009 - Present*

- Developing a system to import and store public data with a JSON API.
- Developing applications to provide visualization of the stored data to users.
- Currently maintaining 15 years of donation data for Illinois elections.

Potholes (<http://potholetracker.com>) *October 2009 - Present*

- Tracks pothole information uploaded by users via twitpic service.
- Provides automatic geocoding of potholes based on tweet text.

SKILLS

Web development

- Ruby on Rails:
 - 2 years of rails work experience; contributed to rails core (<http://bit.ly/6Xe890>).
 - Extracted and customized various rails plugins and gems.
 - Proficient with ruby core language and familiar with ruby internals.
- Javascript:
 - Highly proficient with jQuery library and unobtrusive javascript techniques.
 - Highly proficient with object-oriented programming using prototypal inheritance.
 - Developed a javascript library for simple REST resources manipulation (<http://bit.ly/7R0AcJ>).
- Testing:
 - Extensive work experience with both Shoulda and RSpec testing frameworks.
 - Extended Shoulda to utilize setup - evaluate - check/should workflow.
 - Utilized cucumber (webrat + selenium) for integration testing.
 - Javascript unit testing using QUnit and Screw-Unit (blue-ridge).
- Highly proficient with RESTful web application design.
- Fluent in (X)HTML and CSS.
- Used both Mongrel cluster and Passenger deployments.
- Used MySQL database in production with Sphinx full text searching.

Other

- Proficient using Git and Subversion.
- Long-time Linux developer (Ubuntu, Archlinux, Redhat).
- 4 years of Java experience.
- 7 years of C++ experience.