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## Dmitry Ratnikov <ratnikov@gmail.com>

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834 W Bradley Pl, Apt 1

Chicago, IL 60613

### SKILLS

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- 2 years of Ruby on Rails work experience with 3 patch contributions (<http://bit.ly/h7lRx>).
- 2 years of javascript experience: jQuery, unobtrusive javascript, and prototypal inheritance.
- 4 years of java experience including Apache Tomcat and Google Web Toolkit.
- 7 years of C++ experience.
- Highly proficient with ruby and javascript unit testing and black-box acceptance testing.
- Fluent in (X)HTML and CSS.
- Proficient using Git.
- Used Sphinx to provide full text searching.

### WORK EXPERIENCE

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#### Web Developer at Webitects, Inc

*February 2008 - Present*

- Co-developer for My.SEIU.org organizational portal.
- Lead developer for webitects.com, a CMS site with a built-in blog.
- Lead developer for communitycollab.org social networking portal.
- Maintained Subversion and Git code repositories.
- Created a virtualized staging environment built on VirtualBox.

#### Fermilab Computing Division (Internship)

*May 2006 - August 2007, May 2007 - August 2007*

- Created TablePlotter web interface to generate statistics plots of database data using Tomcat JSP implementation.
- Implemented client user interface using Google Web Toolkit.

#### Argonne National Laboratory (Internship)

*August 2005 - May 2006*

- Researched on applicability of aspect-oriented design practices to MySQL database patching.
- Evaluated FroNTier Distributed Database project usage in the ATLAS experience at CERN.

### INDEPENDENT PROJECTS

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#### 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.

#### Potholes (<http://pothole.heroku.com>)

*October 2009 - Present*

- Tracks pothole information uploaded by users via twitpic service with automatic geocoding.

### EDUCATION

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#### Illinois Institute of Technology

##### Bachelor of Science in Computer Science

*August 2003 - December 2007*

##### Bachelor of Science in Physics

*August 2003 - December 2007*

Member of IIT ICPC competition team for 4 years (Mid-Central USA region).