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# Dmitry Ratnikov <ratnikov@gmail.com>

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Chicago, IL 60613

## 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*

## WORK EXPERIENCE

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**Web Developer at Webitects, Inc** *February 2008 - Present*

- 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

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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 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

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### 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.