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## Dmitry Ratnikov <ratnikov@gmail.com>

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(312) 725 3905  
834 W Bradley Pl, Apt 1

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*

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

### INTERNSHIPS

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**Fermilab Computing Division** *May 2006 - August 2006, 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** *August 2005 - May 2006*

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

### SKILLS

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#### Web development:

- Ruby on Rails:
  - 15 months of rails work experience.
  - Rails Contributor with 3 patches (<http://bit.ly/h7lRx>)
  - Extracted and customized various rails plugins and gems.
  - Proficient with ruby core language.
- Javascript:
  - Proficient with jQuery library.
  - Highly proficient with unobtrusive javascript techniques.
  - Developed ajax\_resource javascript library, a javascript implementation of REST resources (<http://bit.ly/tAk7b>)
- Testing:
  - 10 months work experience of Test Driven Development using Shoulda testing framework.
  - Extended Shoulda to utilize setup - evaluate - check/should workflow.
  - Utilized cucumber (webrat + selenium) for integration testing.
  - Javascript unit testing using QUnit.
- Highly proficient with RESTful web application design.
- 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.