Dmitry Ratnikov <ratnikov@gmail.com>

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SKILLS

- 2 years of Ruby on Rails experience with 3 patch contributions (http://bit.ly/h7lRx).
- 2 years of javascript experience: jQuery, unobtrusive javascript, and prototypal inheritance.
- Proficient with Java, including Apache Tomcat and Google Web Toolkit.
- Proficient with C++.

- Highly proficient with ruby and javascript unit testing and black-box acceptance testing.
- Fluent in (X)HTML and CSS.
- Maintained Git and Subversion code repositories.
- Used Sphinx to provide full text searching.

WORK EXPERIENCE

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

Web Developer at Webitects, Inc   *February 2008 - April 2010*
- 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.
- Created a virtualized staging environment built on VirtualBox.

Technologies: Ruby on Rails, Javascript, Sphinx, Git

Fermilab Computing Division   *May 2006 - August 2006, May 2007 - August 2007*
(Internship)
- Created TablePlotter web interface to generate statistics plots of database data using Tomcat JSP implementation.
- Implemented client user interface using Google Web Toolkit.

Technologies: Java, GWT, Tomcat, Subversion

Argonne National Laboratory   *August 2005 - May 2006*
(Internship)
- Researched on applicability of aspect-oriented design practices to MySQL database patching.
- Evaluated FroNTier Distributed Database project usage in the ATLAS experience at CERN.

Technologies: MySQL, C

INDEPENDENT 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.

Potholes (http://pothole.heroku.com)   *October 2009 - Present*
- Tracks pothole information uploaded by users via twitpic service with automatic geocoding.

Technologies: Ruby on Rails, Javascript, Twitter API

EDUCATION

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).