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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*

- 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.

## 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 the users.
- Currently maintaining 15 years of donation data for Illinois elections.

**Potholes** *October 2009 - Present*

- Tracks pothole information uploaded by users via twitpic service.
- Allows interested parties to verify and report potholes via official channels.

## 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.