

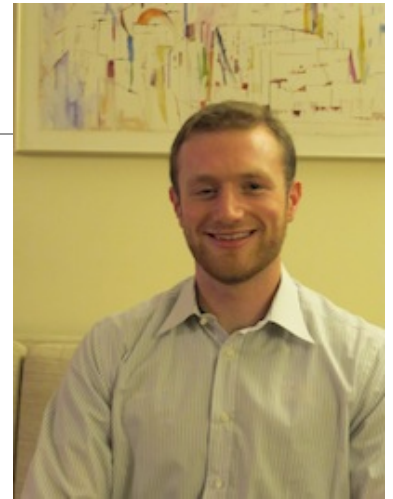
# Carl A. Barth

1744 U St. NW APT. I

Washington, DC 20009

m: 202.413.0863 | [carl.barth@gmail.com](mailto:carl.barth@gmail.com) | <http://imcarlbarth.com/resume>

*I am an outgoing and innovative young professional with experience in emerging technologies, agile software engineering and providing IT solutions in a business setting. I am a patient and creative problem solver who relishes the opportunity to tackle technical challenges. Seeking experience at a large-scale professional software development firm, I have demonstrated success in multiple disciplines including IT consulting, defense, and energy.*



## Technical Skills

### Programming Languages

**Advanced:** Java, PHP, Javascript

**Intermediate:** C#, Ruby, MySQL

**Basic:** C++, Python, Bash Scripting

### Language Frameworks

**Advanced:** CakePHP, jQuery | **Intermediate:** Rails, Java Swing

### Software and other Related Skills

CSS/CSS3, Git/Github, GoogleMaps API, KML

## Industry Experience

### 2rw Consultants Inc.

*Software Engineer - DC - 2010 to Present*

- Practice agile programming methodologies with weekly builds, multiple iteration projects and several test phases per development life cycle
- Lead implementation of company website redesign, [2rw.com](http://2rw.com)
- Develops enterprise web applications for Facility [M&V](#) services.
- Systems/Server administrator for company's web services

### IBM

*IT Consultant - Reston, VA - 2009 to 2010*

- Coordinated code deployment in largest team of \$1 Billion DHS project
- Aided in SIT and UAT groups for several periodic (iterative) development releases
- Oversaw data collection and analysis for team financial and technical metrics

### UVa CS Department

*Teaching Assistant & Tutor - 2007 to 2009*

- Instructed Software Development Methods laboratories for multiple classes
- Aided students with cs and engineering concepts to supplement coursework
- Devised lesson plans to provide comprehensive computer science/engineering

## Education

### University of Virginia - Charlottesville, VA

BS Computer Science, May 2009 *cum laude*

Major GPA 3.7/4.0, Cumulative GPA 3.6/4.0

## Hobbies & Interests

- Chess, Bridge, Tennis, Poker, Classical Piano, Cooking and Nutrition
- Served as UVa Chess Club President (2007-2009); oversaw all budgetary, logistical, and communication matters for the team.
- Proficient in French (speaking, reading, writing, comprehension)

## Websites

- <http://2rw.com> (2rw Company Website)
- <http://app.mvpro.test.2rw.biz> (Online Facility Measurement and Verification)
- <http://locogreenbiz.org> (Loudoun County Green Business Challenge)
- <http://locogreenhome.org> (Loudoun County Green Home Website)
- <http://freshfuzz.com> (Small Business Website Prototype)
- <http://www.sts.virginia.edu/foodshed/mapping> (UVa Senior Thesis Project)