

Candace Schenk

Languages and Technologies

Ruby, Ruby on Rails, JavaScript, jQuery, Backbone.js, SQL, RSpec, Git, SVN, HTML, CSS, Agile Development, \LaTeX .

Education

August 2013 **Completed course work for PhD**, *Binghamton University*, Binghamton, NY, *Mathematics*.
Dissertation title: *On the Commutator Subgroup of Thompson's Group F*

2004–2006 **MA**, *Binghamton University*, Binghamton, NY, *Mathematics*.

1998–2002 **BA**, *Reed College*, Portland, OR, *Mathematics*.
Thesis: *Cycles in the 2-ball Juggling Digraph*

Experience

2013–2014 **Senior Knowledge Engineer**, *Reasoning Mind*, Houston TX.

Reworked Russian lessons into scripts for an online elementary school math program. Was moved onto an additional project resulting in an earlier than anticipated launch.

2004–2013 **Instructor**, *Binghamton University*, Binghamton NY.

Planned and taught: Calculus I, II, and III, Linear Algebra, Precalculus, and Statistics. Provided mentorship to students.

Fall 2003 **Art Conservator**, *Gold Leaf Studios*, Washington DC.

Oil and water gilding, end painting, architectural gilding, glass cutting, installation and fitting of paintings.

Spring 2003 **Apprentice, frame and art restoration**, *Artemisia S.N.C. di Bartoli & Conti*, Italy.

Apprenticeship learning the traditional Italian methods of frame and ornamental object restoration, conducted solely in Italian.

Fall 2002 **Fine woodworker**, *freelance design*.

2000–2001 **SIG Student Intern**, *Silicon Graphics International Corporation*, Portland OR.

Customer support during the transition to linux, script writing in Perl.

1999–2000 **Student System Administrator**, *Reed College*, Portland OR.

Academic software installation, linux installation on apple hardware (OS8/OS9), and y2k compliance

Recent Projects

live **unraveled**, *Rails and Backbone.js*.

github Clones ravelry.com which is a social knitting web application.

rails workshop, *Ruby*.

github Rewrote parts of rails to gain a better understanding of its inner workings.

live **snake**, *JavaScript and CSS*.

github The classic game, built for the browser. Display made using CSS and jQuery.

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