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# Candace Schenk

## Objective

I've spent my life making things which require a pool of skills which is both wide *and* deep. I wish to bring my attention to detail as well as my passion for learning to your company.

## 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 addition project resulting in an earlier than anticipated launch.
- 2004-2013 **Instructor of Record**, *Binghamton University*, Binghamton NY.  
Calculus I, II, and III, Linear Algebra, Precalculus, and Statistics
- 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 **Assistant System Administrator**, *Reed College*, Portland OR.  
Academic software installation, linux installation on apple hardware (OS8/OS9), and y2k compliance

## 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*

## Languages and Technologies

Ruby, Ruby on Rails, JavaScript, jQuery, Backbone, SQL, Git, SVN, HTML, CSS, L<sup>A</sup>T<sub>E</sub>X.

## Recent Projects

(For an explanation of technologies implemented, see github links.)

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