# Jessie Douglas

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## Projects

**RateMyPurrfessors** (Backbone, Rails) ♦ ratemyprofessors.com, but for cats
Demo: www.ratemypurrfessors.com ♦ Code: www.github.com/jessiedouglas/RateMyPurrfessors
*Single-page Backbone app consuming RESTful APIs*
*Professor and college ratings share vote tables via polymorphic associations to keep code DRY and database normalized*
*Facebook Authentication*

**Snake** (Javascript)
Demo: http://jessiedouglas.github.io/snake ♦ Code: www.github.com/jessiedouglas/snake
*The classic arcade-style game*

**Zoomable** (Javascript)
Demo: http://jessiedouglas.github.io/Zoomable ♦ Code: www.github.com/jessiedouglas/Zoomable
*jQuery plug-in for zoom-on-hover functionality as seen on eCommerce sites*

## Skills

**Languages** ♦ Ruby, JavaScript, SQL, Python
**Web Development** ♦ Rails, ActiveRecord, Backbone.js, jQuery, AJAX, CSS, HTML, PostgreSQL
**Dev Tools** ♦ Command line, Git, browser debugging
**Other Skills (Tech)** ♦ Pair Programming, Rspec, regex
**Math** ♦ Statistics, Probability, Differential Equations, pure math, proof

## Previous Work Experience

**High School Math Teacher**
East Wake Academy High School ♦ Zebulon, NC ♦ 2013-2014
*Planned and taught 3 classes/day (1.5 hrs each)*
*Developed curriculum for the new Common Core Math II class at the school*
*Implemented a challenging course of critical-thinking problem sets for Honors Geometry students*

**Elementary Spanish Teacher and Grade-Level Coordinator**
Spanish In The Elementary Schools (SITES) Program
Oberlin, OH ♦ 2010–2012
*Planned and taught Spanish classes to 3rd grade students twice a week*
*Led meetings of all 3rd grade teachers and developed curriculum for the whole grade*

## Education

**Duke University** – Master of Arts in Teaching (MAT) ♦ 2013
Specialization in Secondary Mathematics Education ♦ GPA: 3.7/4.0
*Curriculum highlights: Intro to Computer Science; Statistics; and Geometry*

**Oberlin College** – BA in Mathematics ♦ 2012
GPA: 3.6/4.0
Merit Scholarships – National Merit Scholarship, John F. Oberlin Scholarship
*Curriculum Highlights: Differential Equations; Probability; Real Analysis; and Discrete Math*