Jessie Douglas

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Projects

RateMyPurrfessors (Backbone, Rails) ♦ Clone of ratemyprofessors.com
Demo: www.ratemypurrfessors.com ♦ Code: www.github.com/jessiedouglas/RateMyPurrfessors
Backbone and Rails integration over full website
Custom AJAX queries for searches
Polymorphic Associations for up/down votes on professor ratings and college ratings

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 that interactively zooms in on a photo

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

Stitcher/Wardrobe Personnel for Professional Regional Theater
West Virginia Public Theater ♦ Morgantown, WV ♦ 2014
Built costumes for 4 separate shows, including cutting, stitching, ornamentation, and crafts

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
Coursework includes 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
Coursework includes Differential Equations; Probability; Real Analysis; and Discrete Math