/Address
90 Castro St.
San Francisco, CA 94114

/Github
zyskowsk

/Web
zyskowsk.io

/Cell
206.380.0741

/Twitter
@zyskowsk

/Email
zyskowski.rob@gmail.com

Rob Zyskowski
Web Developer

SKILLS

Ruby, Ruby on Rails, Backbone.js, JavaScript, CoffeeScript, JQuery, SQL, git, Heroku, RSpec, TDD, HTML/CSS, Mathematica, LaTex

PROJECTS

Source code for all of my projects can be viewed on github

Twenty Films
September 2013
A social web app for sharing your favorite films. Focused on integrating existing data by communicating with third-party APIs. Built live autocomplete search for films and users using javascript and Ajax to combine data from multiple databses. Deployed at www.twentyfilms.com.

Active Record Lite
August 2013
My own lite implementation of ActiveRecord, built from the ground up in Ruby. Implemented rails helper methods such as *save*, *create*, *update*. Wrote methods *all*, *where*, and *find*, to query the database using hand built SQL queries. Built association macros *belongs_to*, *has_many,* and *has_one_through*.

Snake
August 2013
Classic 1970s video game. Built server side in Node. js using object-oriented javascript, brought to life in the browser using JQuery.

Asteroids
August 2013
Another classic video game, built using server side object-oriented javascript and animated in the browser with HTML5 Canvas.

EDUCATION

University of Iowa   IOWA CITY, IA
MS in Mathematics
December 2012, GPA 4.0

Studied algebra and low dimensional topology, focusing on applications to knot theory.

Grinnell College   GRINNELL, IA
BA in Mathematics, with honors
BA in French
May 2010, GPA 3.92
Linn Smith Prize for Excellence in Mathematics

RELATED EXPERIENCE

Willamette Valley R.E.U.   SALEM, OR
Undergraduate Research   *Summer 2009*
Conducted reaserch in graph theory, specifically on the categorization of k-visibility graphs. Presented results at the MMA-AMS Joint Mathematics Meetings in San Francisco in January 2009.

LANGUAGE

English(native), French(fluent)