Doug MacDonald

djbmacdonald.com
hello@djbmacdonald.com
github.com/djbmacdonald
linkedin.com/in/djbmacdonald

Education:

General Assembly Web Development Immersive, Jan. - April 2015

- Full time web development course focusing on Ruby on Rails and Javascript

University of Chicago, 2007-2011

- B.A. Political Science

Technical Experience:

Ruby, Rails, Javascript, jQuery, Angular.js, D3.js, Postgresql, Git, Heroku, rSpec, Capybara, Jasmine, AJAX

Projects:

Cathedral – djbmacdonald.com/cathedral – https://github.com/djbMacDonald/cathedral

- Fractal Generator
- WDI Final Project
- Angular app using D3.js to display transformed data

Pixelect – http://pixelect-wdi-project2.github.io/Front-End/ – https://github.com/Pixelect-WDI-Project2

- Image upload and voting app.
- WDI Group project, collaborated with two other students
- JS Front end on Rails API. Images uploaded to AWS S3

Toroidal Checkers – djbmacdonald.com/checkers – https://github.com/djbMacDonald/checkers

- JS Checkers variant

Pikeman Project – pikemen.herokuapp.com – https://github.com/djbMacDonald/pikemen

- Database for grass-roots reporting of police homicide.
- WDI First Project
- Full stack rails app, designed to demonstrate CRUD actions.

Experience:

Mathematics Instructor, International School of Columbus, 2012-2013

- Taught classes from pre-algebra to Calculus
- Deconstructed abstract concepts to be understandable to students
- Organized and ran a weekly after school activity focusing on diplomacy and creative problem solving

Volunteer Teaching Assistant, International School of Columbus, Jan. - June 2012

- Worked with small groups of students
- Coached MATHCOUNTS team