

Angela Julie Dobbs
Web Developer

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Recent Projects

- **Instagib** - ([live](#) | [github](#))
Screenshot sharing app for videogame screenshots inspired by Instagram
 - Uses a RESTful JSON API in Ruby on Rails to support the Backbone.js frontend
 - Overwrites the Backbone.js parse function to make incoming data more easily stored, especially in sorting child comments.
 - Uses Pusher to implement real-time updates to the home feed.
- **ActiveRecordLite** - ([github](#))
An implementation of the Ruby on Rails ORM ActiveRecord
 - Uses Ruby's flexible structure to recreate ActiveRecord's associations and queries.
 - Creates a lazy where clause that only calls a single query when the set is acted upon.
- **Asteroids** - ([live](#) | [github](#))
A classic arcade game rebuilt with Javascript, JQuery, and HTML5 Canvas.
 - Developed binding hash to allow for multiple depressed keys being read.
 - Utilizes Javascript's asynchronous methods to optimize the game steps.

Languages and Technologies

Ruby, Rails, JavaScript, Backbone.js, SQL, PostgreSQL, RSpec, HTML, CSS, Git, TDD, node.js, JQuery, JQuery UI, Python(learning)

Education

- **App Academy** January-April 2015
 - Full stack web development training intensive, <5% acceptance
- **University of Michigan – Ann Arbor** 2005-2009 BFA Theatre Design and Production
 - Coursework includes Physics 3, Calculus 4, Introduction to Logic, Introduction to Programming, Engineering Principles
- **Online Courses**
 - MITx – 6.00.1x Introduction to Computer Science and Programming
 - MITx – 6.00.2x Introduction to Computational Thinking and Data Science
 - Intro to HTML and CSS
 - Javascript Basics

Prior Work Experience

- **Technical Director** – HB Playwright's Foundation Theater, 2012 – 2014
 - In charge of scheduling all in theater rehearsals for in house festivals which increased in capacity from 10 productions to 20 per festival during tenure
 - Operated and maintained digital sound system and lighting system
- **Freelance Production Stage Manager** - May 2009 – September 2014
 - Worked with productions and crews from all over the United States of all levels of experience and professionalism
 - Was required to seek out new projects constantly, taking the initiative at every opportunity