Jon McDuffie

Education

2007–2012 **Bachelor of Science in Physics**, *Georgia Institute of Technology*, *GPA – 3.2*.
Specialized in Astrophysics

2011–2012 **Masters of Teaching**, *Kennesaw State University*, *GPA – 4.0*.

Programming Skills

Advanced Ruby, Ruby on Rails, CoffeeScript, Haml, Sass, HTML5, javaScript, jQuery, Bootstrap3, Git, MVC, Heroku, Linux

Basic Python, PHP, mySQL, LaTeX, Agile Development, RESTful architecture, d3.js, TDD, Rspec

General skills

Excellent written and verbal communication, Problem solving, Data analysis, Mathematical Modelling, Training, and Presenting

Experience

Rails Development

2014–Present **WebApp Development**.
I have created several of my own Rails apps; examples can be found on Github. Examples include a basic store front and a personal library app. I've completed the Ruby pathway on Codeschool, and I am continuing to read about and practice Ruby and Ruby on Rails development.

General Web Development

2014–Present **Classroom Website Development**, *www.mcduffphysics.com*.
Designed and implemented a classroom website using PHP and mySQL for the backend and jQuery, HTML5, CSS3, and Bootstrap for the frontend.

Detailed components:
○ Assignment creation interface
○ AJAX implementation to provide immediate feedback
○ mySQL database storing each assignment with questions and answers
○ Gradebook interface

Teaching

2012–Present **Teacher**, *Berrien County and Cherokee County*.
Selected as a Star Teacher. Created and implemented curriculum, communicated with parents, and helped to create several new school clubs geared towards STEM topics.

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