Richard J. Braxton

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RJB

Objective

As a programmer with an extremely varied background, I strive to create both large and small web applications that are as friendly as possible to the end users. My ultimate goal is to leave both my projects and environment in a better condition than I originally found them. I am always willing to learn new skills and incorporate them into my work.

Experience

Web Developer - U.S. Geological Survey, Volcano Hazards Program   September 2014 - Present

Worked as a full-stack developer creating applications to manage internal data on volcano threat levels. Also worked as the sole front- and back-end developer on a large application to handle uploading and categorizing 10,000s of files. Primarily worked with JQuery, Angular.js, PHP, JSON APIs, and MySQL, and occasionally updated older websites and legacy code to modern standards.

Web Developer/Data Analyst   May 2011 – May 2014

Created and managed websites for the Meadows School of the Arts, utilizing Drupal and Wordpress. Also produced reports and data visualizations based on financial data from the development department.

Web Developer/Photographer - Anvil   May 2011 – September 2013

Founded and ran an independent business that offered both web development and professional photography in the Dallas, TX area.

Biomedical Researcher - Physician Scientist Training Program   May 2006 – September 2010

Recruited from a very selective pool of applicants to gain biomedical research experience at an early age. Completed summer internships at the National Institutes of Mental Health (D.C.), the Institute for Systems Biology (Seattle), and Drexel University (Philadelphia) twice.

Education

Southern Methodist University   2010-2014

Bachelor of Arts degree in both Creative Computing (focus on data visualization) and Geology. Recipient of both the Engaged Learning Grant(2014) and Marr Research Fellowship (2013-2014) for creating data visualizations of seismic and volcanic data (using Angular.js and D3.js with large JSON datasets). Active member of several student groups.

Skills

Programming Languages: Javascript, PHP, MySQL, HTML5, CSS3/SASS, Bash, Arduino, C#/C++

Programming Libraries/Frameworks: Angular.js, D3.js, Grunt/Bower ImageMagick, Wordpress, Node.js

Software: Adobe CS5 (Lightroom, Photoshop), Git, Microsoft Excel