Brett Haymaker

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Full Stack Web Developer

Summary of Qualifications: I possess literacy in HTML5, CSS3, Sass, Javascript, JQuery, Node.js, Express, Angular, Backbone, Sinatra, Active Record, Underscore, Ruby, Ruby on Rails, D3.js, GDAL, TopoJSON, JSON, RESTful routing, CRUD action, AJAX, APIs, Digital Ocean (Nginx) and Heroku deployment, PostgreSQL, NoSQL, MongoDB and Git.

Experience:

Web Development Immersive Student, General Assembly, Chicago, IL   March 2015 – June 2015
Spending 80+ hours per week in this 12-week full-time program, I dedicated myself to learning the fundamentals of programming in the world of interpreted languages such as Javascript and Ruby.

Projects:

A. "Riots=on=Rails": A social-awareness project that visualizes large-scale events pertaining to racial tension within the United States from 1950 - 2015.
1. A CSV-seeded PostgreSQL database (which was manually scraped from disparate sources) is called by a Ruby-built back-end based on User search parameters.
2. D3.js is used to render a responsive U.S. map with interactive data points.
3. My main contributions included the initial Rails architecture, using RESTful routing in constructing the API, learning D3, constructing an SVG map and building the logic of the client-side AJAX call.

B. "Car-tweet-ographer": A Sinatra-based CRUD application that makes use of Twitter's Search API, Google's Geocoder, TopoJSON, GDAL (Geospatial Data Abstraction Library) and D3, as well as becoming comfortable navigating the basic principles of OAuth.
1. In this application, I set out to plot the locations of individual tweets based on a user's specific search criteria such as a keyword or hashtag.
2. Geodata on tweets is unavailable unless a user actively authorizes it and, not surprisingly, very few Twitter users employ this feature. To circumvent this hurdle, I isolate the registered location of a user's profile (if available) and geocode that information server-side.
3. The client then renders the returned longitude/latitude information on a global map.
4. In addition to displaying every returned tweet in the DOM, the tweets with corresponding locations render on an SVG map via D3, each of which is equipped with hover events and a tooltip with information pertaining to that tweet.
5. I employ a Regular Expression to grab the abbreviated URL data that concludes each returned tweet (returned via the API as a string object) to ensure that the URL can be utilized by a user to navigate to the intended image, video or website in a new tab.

Managing Editor, Brafton, Inc. Chicago, IL   January 2014 - Present
In this director-level role, I manage a division responsible for serving a client-base worth roughly $6 million in annual spend spread across a variety of editorial and mixed-media deliverables. Working directly with editors, writers, content strategists, graphic designers, videographers and animators, my primary responsibilities involve strategic conversations with multiple stakeholders across the business internally and externally to ensure the timely delivery of relevant and exceptional content.

News and Content Writer, Brafton, Inc. Chicago, IL   April - August 2013
As a News and Content Writer, my primary responsibilities included researching industry specific news content based on industry trends in accordance with media law, employing SEO best-practice to drive traffic and reinforce thought leadership and brand objectives. From landing pages and meta descriptions, to press releases, blogs, news articles, newsletters, email campaigns, case studies, client interviews, Q&A's and white papers - I learned how to write it all.

Education:
- General Assembly, Web Development Immersive, March, 2015
- Master of Fine Arts, Poetry and Poetry in Translation, Drew University, January, 2013
- Bachelor of Arts, English Literature, Drexel University, *Cum Laude*, June, 2009
- Certificate in Creative Writing and Publishing, Drexel University, 2009

Honors and Awards:
- The Dean's Master of Fine Art in Poetry Prize, 2013
- The Philadelphia Inquirer's *National Poetry Month* poetry contest, 1st place, 2012
- Drew University Academic Merit Scholarship, 2010 - 2013
- Maya Writing Contest, Creative Non-fiction, 1st place, 2009
- Honorary inductee, Rho Alpha Sigma, top 5% of student life paraprofessionals in the nation, 2008
- International Entrepreneurial Week Business Concept Competition, 3rd place, 2008
- Poetry Fellowship, Charles University, Prague, Czech Republic, 2008
- Department of Performing Arts Scholarship, Drexel University, 2005 - 2009
- CEO Diversity & Leadership Certification, 2007