

# BEAU DAVENPORT

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**online portfolio:** [beaudavenport.github.io](https://beaudavenport.github.io)*

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As a full-stack web developer with a passion for rich client-sides and data-driven applications, I seek solutions that constantly push my own boundaries in the aim of seamless functionality. Keen attention to detail, continuous awareness of UX, and a strong commitment to best practices are all tools that I employ in my efforts to produce scalable, readable, and efficient code. As a compulsive learner, I am driven to build on my abilities from my own experience and from the expertise of my fellow developers and team members.

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## *Languages, Frameworks, and Proficiencies:*

### ***Ruby:***

- E-Commerce implementation with Rails and usage of 3rd-party API's (including Dropbox and Paypal)
- Customized WYSIWYG editor for user content management with icon font functionality, open-sourced as a jQuery plug-in
- Generation of Unit Tests and utilization of Test Driven Development for debugging
- Use of Ruby and Flat-File CMS with the Jekyll blogging platform

### ***Backbone.js:***

- Creation of stateful client-side structure in an MV\* format
- Exchange of JSON data with a REST-ful API
- Responsive UI development with Twitter Bootstrap
- Dynamic views rendered with underscore templates

### ***Node.js:***

- Implementation of a REST-ful API structure
- MongoDB CRUD operations
- Security implementations such as JSON Web Tokens
- Use of template engines (such as Jade)

### ***PHP:***

- Creation of contact forms with php mail functionality and error handling
- Basic OOP implementation
- Use of superglobals and integration with MySQL
- LAMP stack implementation

**C:**

- Low-level implementations of pointers, structs and arrays
- Creation of linked lists and hash tables

***Additional Skills:***

- Version control with git
- Use of command line and command line tools (such as ngrok)
- Application deployment with Heroku and Windows Azure
- Working fluency in Spanish
- Ceaseless self-education using local programming meetups, leading industry blogs, books and forums

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***Work History:***

***On-call Web Developer, Coffee Roaster, Shift Leader, Barista, Park Avenue Coffee, 2007 - Present***

- Created custom web application for handling coffee inventory
- Updated website content, implemented PHP contact form, content proofreading
- Roasted coffee, maintained coffee inventory and roasting facility
- Shift Leader duties including placing orders, delegating workflow, closing procedures and solving customer problems
- Produced and served premium coffee drinks and maintained equipment
- Provided customer service and trained staff

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***Education:***

***Certificate, Harvardx CS50x, Harvard/MIT's Edx online courses, 2014***

- Online extension course of Harvard's CS50- Introduction to Computer Science
- Coursework included implementation of low-level computer science concepts including pointers, structs, hash tables, linked lists, memory leaks and encryption

***Bachelor's Degree in Liberal Studies, University of Missouri St. Louis, 2006 - 2010***

- Emphasis in Cultural Anthropology and Spanish
- Additional studies included: conservation biology, political science, Chinese, International Economics

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*Work Samples and References available upon request*