

BEAU DAVENPORT

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online portfolio: beaudavenport.github.io

I am a full-stack web developer with a passion for rich client-sides and data-driven applications. Keen attention to detail, continuous awareness of UX, and a strong commitment to best practices are all tools I employ in my efforts to produce scalable, readable, and elegant 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.

Frameworks and Proficiencies:

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

Interesting Solutions from Past Projects:

- Used Jade template variables to bootstrap database data to browser's localStorage before loading a backbone.js application
- Implemented custom "loading" and "saving" UI elements using javascript Promises
- Developed a custom alphabet-based hash function in C

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

Education:***Harvardx CS50x, Harvard/MIT's Edx online courses, 2014 - Present***

- Online extension course of Harvard's CS50
- 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

Work Samples and References available upon request