

A lifelong programming hobbyist, meta-analyst, and self-styled minimalist who finds beauty in doing the most with the least;

Always searching for underlying logic behind systems in order to extend their function beyond standard capacity;

Enthusiast of language: from the musical to the scientific, from computer to spoken, all provide insight to the process of creation and meaning;

Fully engages the everpresent necessity to interweave diverse perspectives into deeper layers of significance;

Has an endless desire to learn, boundless self-motivation, unshakable stability, and modesty with self-confidence.

Brandon Selway

brandon.selway@gmail.com - 720.388.4460

<http://brandonselway.com>

BS in Electronic Media and Film at Towson University, Magna Cum Laude
8+ years professional and academic in web programming / motion graphics
Dedicated open-source contributor to the Node.js / Javascript ecosystem

Primary:

Angular / Backbone
Node.js / Express / Middleware
Browserify / CommonJS
RequireJS / AMD
Node.js Streams
jQuery / Underscore
Templating (Mustache/Handlebars etc)
NPM publication / dependency mgmt
Build tools (npm script/grunt)
Repository Development (git/mercurial)

Secondary:

NoSql (mongo/redis)
TDD (server + browser)
CSS3 + preprocessors (LESS/SASS)
Highcharts / Flotr2
Socket.io / SockJS / Dnode
IndexedDB / Localstorage
jQuery plugin development
ExtJS / Sencha
Knockout
C#

History

April 2014 - July 2014 Complete Genomics, Inc.
Development of desktop Backbone-based webapp to bring DNA research to the consumer. Heavy visualizations and data complexity.

October 2012 - Present Crimson - Senior FEE/Node.js Architect
Node.js / Javascript development for a large Austin software company with a rich Front End Engineer culture. Backbone and Angular centric.

October 2008 - October 2012 Various
Freelance and contract development of websites. Node.js APIs, Wordpress sites, social networking webapps, etc. requiring flexibility within a variety of frameworks depending on client.

October 2006 - May 2008 Eyemaginations Inc. - Animator
Used 3d Studio Max (including MaxScript) and Adobe After Effects to produce hundreds of animations for medical imaging software.

March 2002 - October 2003 ccTransact, Inc. - LAMP administrator

January 2002 - January 2006 Digital Media / Film Student

Gist-based webapp

<http://brandonselway.com>

Proof-of-concept single-page app, that required the creation of a variety of JS/node modules, as well as patches to existing open-source modules. (See <https://github.com/cellvia>). 100% browserified, Backbone project using true logic-less templating (straight html via hyperglue). Content is fetched entirely from my public github gists written in Markdown via digistify using no server-side processing whatsoever. Topcoat styling framework is used to aide in font, layout, and icons, and pageslide for transitions, IndexedDB for content-caching (with fallbacks for older browsers) and an advanced homebrewed view management / caching mechanism within Backbone.

Crimson Realtime Readmissions

Require.js / Backbone / Node.js centric web-app built to monitor patients in hospitals and judge their risk of readmission once released. Extensive and meticulous API contracts necessitated the development of a mock-api / documentation server. Strict requirements surrounding IE compatibility made this project a challenge considering the sheer volume of data represented, filtered, sorted, etc.

The Sex Diaries Project

<http://sexdiariesproject.com>

Overhauled novel anonymous diaries project for author Arianne Cohenne. Implemented new PR site and email campaigns, primary features include overhaul of PHP back-end notification app, database optimization, extensive jQuery for smooth UI experience

Brantley Essary - Front-end Engineer Lead - 281.844.7018
Nate Guisinger - Professional Developer - 917.407.8610
Derek Dohler - Digital Analyst TI Georgia - skype: ddohler
Science Integration Institute, Todd Duncan - Co-founder - 503.805.7860