

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

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<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:

Node.js / Express / Middleware

Backbone

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

Angular

History

October 2013 - January 2014 Crimson - JS/Node.js Architect
Hired exclusively for Node.js / Javascript development for this large Austin software company, I worked on large projects spanning a few teams, as well as engaged the rich Front End Engineer culture. The second half of my time here was fully remote, with periodic trips on location. Largest takeaway: tons of Javascript experience, as well as experience working with a team and its development protocols.

October 2010 - October 2013 Various
Freelance work / consulting on a variety of projects, development of APIs with Node.js, integration with APIs of various Google Applications. Volunteering help with a non-profit Permaculture Institute.

October 2006 - May 2008 Eyemaginations Inc. - Animator
Advanced skills with animation and programming using both 3d and compositing programs, edited hundreds of videos, designed animations for cutting-edge medical animation (ophthalmology) software, custom algorithms for 3d Studio Max's proprietary language MaxScript.

See <http://brandonselway.com> for additional history & projects!

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