Brandon Selway

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http://peaceinbaltimore.com/resume/

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.

BS in Electronic Media and Film at Towson University, Magna Cum Laude
8+ years professional and academic in web programming / motion graphics
Strong in dynamic, nonstandard User Interface development.

Primary:
PHP / MySQL
Javascript / jQuery / Node.js
CSS / Custom Theming (General)
CMS implementation / modification
Video Compositing (Adobe After Effects)
3d Modeling and Scripting (3d Studio Max)

Secondary:
ExtJS / Sencha Touch
NoSQL (MongoDB, CouchDB)
Tinkerpop GraphDB suite
Google Apps/Facebook Graph
Canvas / WebGL/ SVG
Python / Twisted
LAMP administration

Work History

October 2010 - Present — 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 2009 - October 2010 — TheNext.Us - Lead Developer
Designed, from scratch, a social networking website fully utilizing: the Jquery javascript library, latest AJAX techniques, custom Linux InspirCD chat server including C++ modules, customized Python qwebirc webchat-interface, CSS/webkit/cross-browser styling, extensive custom PHP/Mysql and Javascript functionality.

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 propriatary language MaxScript.

Jan 2004 - Jan 2007 — Towson Univ. - Electronic Media Student
Focus on digital effects including the use of custom algorithms for image, video, and sound processing.

March 2003 - March 2004 — ccTransact Inc. - Webmaster
In charge of LAMP administration, PHP development, upgrade and maintenance of client pages and company webserver.

NDA protected webapp
Nearly complete single-page web app that is built entirely out of novel, cutting edge web tech: ExtJS (via Sencha Architect) for the client side, Node.js for the back end API, and MongoDB for persistent data-store. Working on this project has been an education in itself, and is an example of what I personally find thrilling about the field of web development.

Telekritika.ge — http://telekritika.ge
Telekritika is a civilian news-monitoring social network built for Transparency International Georgia, ontop of the Elgg PHP framework and extensively leveraging the jQuery Javascript library. In order to implement complex features, Elgg had to be heavily modified and customized in order to allow: queuing and consolidating of UI events and AJAX requests; realtime interaction with the backend components of the site; internationalization with crowdsourced translation elements; deep facebook integration via Open Graph; complex ranking algorithms for measuring popularity vs. controversy vs. quantitative contribution; and a complex "channel-viewer" mini-app, in which large amounts of data must be parsed through and interacted with in a smooth and intuitive fashion. Clever data-binding and UX/UI development are the most novel features of this site.

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

Delightfully Engaged — http://mywedding.com/blog/
Emphasis here on CSS, Jquery, and PHP Wordpress API tricks to implement a more-than-meets-the-eye blog featuring: slideshows, custom image galleries, variety of modified / custom plugins, complex menu and submenu selection, custom styled dropdown menus, and much more. All while remaining dynamic and updateable by client.

Nate Guisinger - Professional Developer - 917.407.8610
Derek Dohler - Digital Analyst TI Georgia - skype: ddohler
The Portland Company, Spencer Hill - Owner / President - 503.933.4815
Science Integration Institute, Todd Duncan - Co-founder - 503.805.7860