

Andrew Bayles

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- Summary** Multidisciplined web professional with nearly seven years of experience in online marketing spent conceptualizing, designing, and developing expressive, effective, and technically sound sites on each client's behalf.
- Skills** Front-End Web Development, Server-Side Web Development, User Interface Design, Database Design and Administration, Graphic Design, Copywriting (both marketing and technical), Consultation.
- Technologies** HTML, CSS, JavaScript (jQuery), PHP (CodeIgniter), MySQL, Wordpress, MODX.
- Applications** Adobe Creative Suite 6, Sublime Text 2, Firebug, Sequel Pro, Google Analytics, GitHub, working knowledge of both UNIX and Windows command lines and extensive familiarity with Firefox, Chrome, Safari, Opera, Internet Explorer.
- Experience**
- Signet Interactive, LLC Houston, TX
Web Developer May '14 - April '15
- Constructed DOM hierarchies and developed CSS styling and jQuery scripts according to design specifications.
 - Built responsive and cross-browser compatible home, content, landing, and utility pages within established time constraints. Imbued sites with more complex functionality by integrating and modifying preexisting plugins and API's, including those required for the performance of web analytics, as well as AJAX-enabled content and user interfaces.
 - Optimized sites through managing the size and loading of external resources, while further editing existing content for tone and SEO. Migrated site source to hosts as needed and managed domain name records accordingly.
 - Identified and resolved emergent issues with existing projects, such as service interruptions, improper configurations, and encoding problems resulting from site migrations between hosts.
 - Served as acting Director of Development for a two-week period, balancing workloads from multiple projects across the company's development team according to available manpower and allotted time. Additionally served as ambassador between production staff and the company's client representatives.
- Harris Machine Tools, Inc. / Vanguard Machinery International, LLC Houston, TX
Web Developer / Designer June '07 - April '14
- Note: All projects mentioned below have been under the sole stewardship of Harris Machine Tools, Inc. since April of 2014. Projects are available for demonstration upon request.*
- Designed and produced **Harrismachinetools.com**. Implemented a searchable listing of the Harris Machine Tools inventory. Streamlined and redesigned the database architecture before porting the site to the CodeIgniter PHP framework and migrating all content to a new database.
 - Designed and developed the **Harrismachinetools.com Content Dashboard**, a content management system for easy synchronization of company inventory records between the Harrismachinetools.com site database and *Locator Online*, a third-party, inventory management web app. The CMS has seen consistent use by company staff since its deployment.
 - Constructed **Vanguardmachinery.com**, using PHP with MySQL to present Vanguard's product catalog in a hierarchical category format. Site features include allowing visitors to search company inventory, and to submit quote requests to the company's sales department. Subsequently ported the site to the CodeIgniter framework.
- Independent Contractor Houston, TX - Oakland, CA
Web Developer / Designer October '09 - Present
- Deployed **Gritsy.com**, a serial content site providing news and content related to an ongoing local concert series. Assisted client in developing web marketing strategy around a known target audience. Extensively modified an existing Wordpress theme while employing an array of extensions in order to offer a consistent user experience supported by Flickr- and SoundCloud-hosted content. Helped client to interpret Google Analytics traffic data to further draw users toward key content.
 - On behalf of Houston-based web marketers **Clearspan Media**, wrote server-side code for **Parker School Uniforms** to extract select inventory content from the established Parker Uniforms product database, using such filters as school year and grade level. Sorted aforementioned data for presentation in accordance with Parker's existing brochure design.
- Education** University of Houston Houston, TX
- Bachelor of Arts in Sociology, minor in Philosophy, May 2004.
 - Additional coursework in Logic.