

# Alex Bischoff

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**Portfolio** <http://www.handcoding.com/portfolio/>

**Objective** Position in web development.

## Professional Profile

- Proven track record in transforming web designers' static prototypes into hand-coded HTML, specifically emphasizing accuracy and efficiency; adhering to W3C-established web standards; maintaining cross-browser/cross-platform compatibility; and delivering final page templates, including optimized images.
- Consistent application of usability metrics through hand-coded HTML, CSS, JavaScript, image slicing, and optimization.
- Adept at troubleshooting and problem-solving; skilled at developing web solutions that exceed client expectations.

## Skills

### Languages

- XHTML / HTML
- DOM Scripting
- CSS
- JavaScript / ECMAScript
- Section 508 / WAI / WCAG

### Applications

- Adobe Photoshop
- Adobe Fireworks
- Subversion / CVS
- TextMate
- Bugzilla

### Operating Systems

- Mac OS X
- UNIX
- Windows Vista/XP/2000

## Experience

### **Senior Front-end Developer**, EMC, Inc (formerly Geniant, Inc), Dallas, TX, March 2006 to Present

- Developed a DOM Scripting-based print-preview system allowing users to see a page's "print" version without requiring a page-reload.
- Constructed a payments-table implementation featuring real-time calculations and tallying as users edit and delete payment amounts.
- Created a table-sorting library through JavaScript with sorting support for many data types including a variety of human-readable date formats.

### **Senior Front-end Developer**, RD2, Inc, Dallas, TX, January 2004 to March 2006

- Implemented dynamic on-the-fly DOM-based text resizing controls for enhanced readability.
- Constructed image-based JavaScript-free rollovers through CSS alone.
- Engineered cross-browser compatible browser-resizable tab-based navigation.

### **Senior HTML Developer**, Mercer HR Consulting, Inc, Dallas, TX, October 2003 to December 2003

- Produced JavaScript to automatically disable selected links until a given activation date.
- Developed DOM-based interactive directory structure diagram with dynamically expandable directory trees.
- Recreated exiting table-intensive layouts into aesthetically indistinguishable and Section 508-compliant CSS-based layouts.

### **Senior HTML Programmer**, Rapp Collins, Inc, Irving, TX, April 2003 to October 2003

- Assisted coworkers in leveraging table-based experience toward CSS-based layouts.
- Customized client-side form validation to allow drop-in implementation.
- Constructed CSS-based layouts while maintaining accessibility for users with disabilities.

### **Senior Web Engineer**, Hybrid, Inc, Dallas, TX, October 2002 to December 2002

- Reengineered image-based rollovers into visually indistinguishable CSS-based rollovers.
- Reconstituted a full-page layout into a frames-based layout to ease client's maintenance.
- Ensured content accessibility in deprecated browsers through CSS selective-hiding techniques.

## Education

*Bachelor of Science in Computer Science*, Virginia Polytechnic Institute and State University (Virginia Tech), Blacksburg, VA, May 2000; Major GPA: 3.30