

Andrew Stevens

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Web résumé and list of projects: www.4serendipity.com/resume/

Web Development and Website Maintenance Skills: Four and a half years of experience developing web sites using (D)HTML, CSS, and JavaScript in UNIX and Windows environments. Thorough knowledge of and experience implementing WAI and Section 508 accessibility guidelines. Excellent understanding of past, current, and emerging web standards. Extensive knowledge of and experience in resolving cross-browser compatibility issues. Experience implementing and managing page templates and dynamic, database-driven sites. Skilled in the use of multiple web development, graphics, flowcharting, and content management applications. Experience with PERL/CGI scripting, XML/SGML, XSL (Both XSL Transformations and Formatting Objects), SQL, ASP, PHP, Cold Fusion, SSI, .htaccess files, IIS, and Apache. Skilled in server log analysis and the creation of custom reports.

- Involved in the planning, development, testing, and management of numerous web sites.
- Developed templates and data management scripts for online application forms, interactive surveys, and an online bookstore.
- Performed large-scale document conversions.
- Monitored and maintained sites using commercial and custom tools.
- Developed custom shell and Perl scripts to solve common site maintenance and administrative tasks.
- Collected resources, authored tutorials, and installed software for an XML class.

Links/tutorial URL: <http://www.4serendipity.com/xml/>

Information Architecture and Information Organization Skills: Knowledge of indexing and classification schemes. Defined web site structures, navigation, metadata, and labeling schemes. Coursework in database design, information retrieval, and the organization and representation of information.

- Created classification and organizational schemes to facilitate access and retrieval of archived materials.
- Validated and applied metadata schemes (Dublin Core, RDF, PICS).
- Instructed students and library patrons in research strategies, research tools, information retrieval, controlled vocabularies, and searching techniques.
- Utilized content management software and technologies.
- Produced information architecture deliverables, including evaluations, flowcharts, and blueprints.

Communication and Collaboration skills: Excellent writing and editing skills as a result of Creative Writing degree and work involving web copywriting and documentation. Ability to communicate technological concepts to diverse audiences. Instructional experience, for both groups and individuals, in web authoring, general computer skills, library resources, and research methodologies. Ability to work productively with team members.

- Conducted meetings to ascertain clients' design needs and functionality requirements.
- Authored content and documentation for clients' and personal web sites.
- Worked productively as a member on many multidisciplinary web development teams.
- Taught web design and general technology classes.
- Worked as a member of a technical support team, which managed a Windows NT LAN and provided support for Windows, MAC, and UNIX platforms, a diverse collection of applications, and instructional technology hardware.

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Usability Skills: Extensive experience with usability methods including: user needs analysis, user profiling, contextual inquiry, heuristic evaluation, cognitive walkthroughs, formal usability inspection, and the creation of performance measures and benchmarks.

- Conducted usability analysis in a [fully equipped usability lab](#) (Screen capture, AV mixer, and video editing).
- Authored usability evaluation plans and usability test reports.
A sample test report may be seen at <http://www.4serendipity.com/resume/webbrain.html>
- Performed numerous heuristic evaluations of students' web projects.

Computer Skills:

Platforms: DOS, Windows 3.x, 9x and NT 4, Mac OS, UNIX (HP UX, LINUX, and Solaris)

Applications: Many, including: Office Suites (Microsoft and Corel), Web Development Applications (Dreamweaver, Fireworks, Flash, Allaire Homesite, MS FrontPage), Photoshop, DeBabelizer, InDesign, QuarkXpress, XML-related software (XT, Xalan, MSXML, XMLWriter, XMetal), flowcharting software (Inspiration, ConceptDraw), web research applications (iHarvest, SurfSaver, Copernic), search engine optimization software (WebPosition), server log analysis software (WebTrends, Analog, Webalizer), network query tools (Sam Spade, Cyberkit), Adobe Acrobat, SPSS, and PGP (a list of the software titles which I provided support for can be found at: <http://www.slis.indiana.edu/technology/labs.html>)

Work and Volunteer Experience:

- **Website Coordinator** . [Indiana State University](#). September 2001-present.
- **Category Editor**. [Open Directory Project](#). March 2001-present.
- **Web Specialist**. [Kinsey Institute for Research in Sex, Gender, and Reproduction](#), Bloomington, IN, May 2000- present.
- **Computer Lab Consultant**. Indiana University: [School of Library and Information Science](#), Bloomington, IN, August 1998 - August 2000.
- **Periodical Room Attendant**. Indiana University: Main Library, [Kent Cooper Room](#), Bloomington, IN, August 1998-August 2000.
- **Webmaster Internship**. [Association of College Unions International](#), Bloomington, IN, January 2000-May 2000.
- **Reference Assistant**. [Walden University Library Liaison](#), Bloomington, IN, June - July 1998; July 2000.
- **Freelance Web Development and Web Site Evaluation**. Jan 1998-present.
- **Archivist**. [IU Black Film Center/Archive](#), Bloomington IN, April 1998-August 1998.
- **Archive Volunteer**. [Ohio Historical Society](#). Columbus, OH, September 1996-August 1997.

Teaching Experience:

Lab Assistant, L571 Information Architecture for the Web, January-May 1999; January-May 2000.

Class website: <http://www.slis.indiana.edu/hrosenba/www/L571/syll/intro.html>

Lab Instructor, L401: Computer-Based Information Tools, June-Aug 1999.

Class website: http://www.slis.indiana.edu/syllabi/summerII_1999/L401_beveridge.html

Education:

- Master of Information Science, Indiana University, Bloomington, Indiana. August 2000.
 - Concentration in User-Oriented Internet/Network Services and User-Oriented Information Architecture/Interactive Design.
- Graduate work in Philosophy, Ohio University, Athens, Ohio. 1995-1996.
- B.A. Creative Writing, Ohio University, Athens, Ohio. June 1994.

Professional Organizations and Professional Activity:

The Web Standards Project (<http://www.webstandards.org/>)

The American Society for Information Science and Technology (<http://www.asis.org/>)

- Member of the Leadership Development Committee
- Chair-elect of the Indiana Chapter

Book Reviewer: for Elizabeth Castro's *HTML for the World Wide Web, Fifth Edition with XHTML and CSS: Visual QuickStart Guide*

<http://www.cookwood.com/html5ed/>

Relevant Coursework:

Information Networking, Human-Computer Interaction, User-Centered Database Design, Organization and Representation of Knowledge and Information, Electronic Commerce, Introduction to Research and Statistics, Metadata (Dublin Core and RDF), Usability Testing, Information Sources and Services, Library Automation. Government Information.

References:

Available on request