

Title: Web Developer Volunteer

Purpose:

Web Developer Volunteers will assist the organization by maintaining and updating the code of the One In Ten and Reel Affirmations Web sites. Qualified candidates will be responsible for the development of user interfaces, technical layouts, and system usability, including programming, testing and documentation of web applications.

The work will include the strategy, planning, and execution of redesigning the sites and enhancing the organization's online marketing future. The tasks include the integration of third-party or vendor Web solutions for ticketing, film festival programming, and online financial transactions as well as the conversion from Cold Fusion of online backend databases for film programming and volunteer management.

Average Time Commitment:

This work is needed in bursts. During the periods leading up to major events, ten to twenty hours per week may be needed, depending on the amount of content to be developed and the availability of other Web developer volunteers. There may be weeks where no work is needed. To begin, some updating of code in JavaScript is needed as well as carrying out some unfinished tasks on the current Web sites.

Responsibilities:

Web developer volunteers will work with and support the One In Ten Technology Manager to devise online solutions for the needs of the organization and transform ideas into tested and working code, delivered within agreed upon timelines.

- Assist with the migration of the current Cold Fusion based One In Ten Web site to a different Web hosting solution, then redevelop the site to server-side applications, scripting, etc.
- Develop and implement tools to allow various non-technical personnel to make changes to content and navigation (content management system)
- Work with vendor solutions and plug-ins such as b-side and on-line ticketing to ensure seamless integration into the overall Web experience
- Promote and initiate discussion of possible web-based back-end solutions to improve operational efficiency, Web communications, community building, etc.
- Ensure proper tools in the Web page coding to allow the organization to track web hits, sources, and destinations (Google Analytics)
- Provide input to the Technology Manager regarding Website functionality enhancements

Qualifications:

General experience and competencies in core Web master duties such as server programming languages and management, HTML, CSS, and JavaScript coding.

Highly Preferred Knowledge and Skills:

- Demonstrated expert working knowledge in web design and development.
- Integrate custom front end coding using server-side scripting technologies such as Java, XML and servlets using JBoss, Tomcat as JSP server.
- Custom code .NET, ASP and Visual Basic applications.
- Develop object-oriented applications.
- Create and maintain templates using XHTML, CSS, XML, XSL, VB Script, ASP.NET controls.
- Troubleshoot, maintain and debug as needed.

- Embed 508 Compliance.
- Preferred is a demonstrated understanding of and working relationship with database and network administration functions.
- Server technology on either UNIX or Windows platforms.
- Development of interfaces with database management systems using SQL with Oracle, Sybase and MS SQL Server.
- IIS and deploying applications through a CCB process.
- HTTP over SSL communication design development and testing.
- Four year degree or equivalent work experience.

Supervisor of Work:

The Web developer volunteers will report directly to the OIT Technology Manager.

Measure of Success:

- Delivery of tasks as per the agreed upon timelines
- Ability to transform strategy and ideas into live content on the Web sites
- Ability to improve the use of and drive increased level of repeat traffic to the Web sites.
- Be fully engaged in the technology team, offering ideas and suggestions, providing realistic timeframes for development, and delivering on projects as promised.

Benefits of the Position:

This position is a prime opportunity for those wishing to gain more experience with development of code or those who wish to experiment with various methodologies for building more effective Web presence and increasing Webpage traffic. Another benefit is the chance to work as part of a team of like-minded individuals who believe in the mission of the organization and who wish to support it by donating their time and professional expertise. Success in this position can provide future opportunities with the organization such as the volunteer Technology Manager or the volunteer Technical Advisor.