

Research Assistant/Web Programmer
Life Span Institute, University of Kansas
JUNIPER GARDENS CHILDREN'S PROJECT
Position Description

Juniper Gardens Children's Project (JGCP) is a community based research institute affiliated with the University of Kansas. We are seeking a Web Programmer to design, deploy, and manage high-end web applications that utilize dynamic user interfaces with database backends. Existing web applications at JGCP include online training systems and data systems that store child assessment data for online data management, graphing, and reporting. The web programmer will work with internal project teams to develop new applications and maintain/update existing applications. For new applications, the programmer will recommend and implement design strategies based on 1) the needs of the project, 2) web programming best practices and security protocol, and 3) knowledge of existing and emerging technologies. This position, which will report to the Director of JGCP, requires strong communication and organization skills and excellent problem-solving skills. Continuation is dependent on yearly funding and satisfactory annual evaluations. Position located in Kansas City, Kansas.

Job Responsibilities

1. Collaborate with project staff to design and code web applications independently or as a member of a small standards-based team while continuously seeking methods for automation, efficiency, and security conscious development. (30%)
2. Maintain, update, and troubleshoot existing web resources and applications, including the JGCP website, as needed based on evolving needs and user feedback. (30%)
3. Take initiative and responsibility for keeping current with new programming languages and emerging issues with current languages. Read trade journals, remain active on relevant discussion groups, attend workshops, and complete other training as required. (10%)
4. Work cooperatively with colleagues, as a key member of JGCP's Computer Committee and Technical Team to help guide appropriate use of technology within JGCP. (10%)
5. Work with project directors in identifying potential web-based solutions to serve the needs of existing and potential projects. (10%)
6. Ensure compliance with university and JGCP security standards and for data management. Maintain the highest level of confidentiality and security with respect to JGCP data and information. (5%)
7. Collaborate with project staff to develop user testing strategies and incorporate feedback from testing into the design and functionality of applications (5%)

Required Qualifications

1. Bachelors degree in computer science or related field, or a minimum of 2 years experience with PHP programming
2. Minimum of 2 years experience using basic web development protocols (e.g., HTML, FTP, and CSS)
3. Minimum of 1 year experience designing, coding, and maintaining database backends (MySQL, Oracle, etc.)

Preferred Qualifications

1. Bachelors degree in computer science or related field
2. Minimum of 4 years experience using basic web development protocols (e.g., HTML, FTP, and CSS)
3. Links (provided in cover letter) to examples of at least two web-based products that utilize web programming (e.g., php, ASP, javascript, ajax, etc.) and a database backend (e.g., mySQL, SQL, Oracle, etc.)
4. Minimum 2 years experience developing applications that conform to standard web security protocols
5. Minimum of 1 year experience developing educational software, learning management systems, online training, or online assessment products.
6. Minimum of 1 year experience developing interactive web components with Adobe Flash and Actionscript
7. Minimum of 1 year experience of improving design/functionality of applications based on user feedback from direct observation usability testing and/or user surveys
8. Minimum of 1 year experience producing technical documentation.
9. Excellent skills in listening to users and in written and oral communication
10. Excellent problem-solving skills and organizational skills
11. Excellent record of productivity and performance as demonstrated in work experience.

FTE: 100%

Annual Salary: \$48,000-\$55,000 commensurate with education and experience.

Deadline/Start Date: Review of applications will begin November 8, 2009 and continue until position is filled. Starting date is when position is filled.

To Apply: All applicants must apply online and provide a cover letter, resume, and contact information for 3 professional references. For more information and to apply, go online to <https://jobs.ku.edu>, position **00207997**. Diana Skill 913 321 3143. **EO/AA Employer.**

Candidate must successfully pass a background check.

The University of Kansas is an equal opportunity/affirmative action employer. The University encourages applications from underrepresented group members. Federal and state legislation prohibits discrimination on the basis of race, religion, color, national origin, ancestry, sex, age, disability, and veteran status. In addition, University policies prohibit discrimination on the basis of sexual orientation, marital status, and parent status. **EO/AA.**