**Web Developer**

Please see Special Instructions for more details.

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You will also be required to submit a portfolio of three work samples as a separate document, upload as 'Other Document – 1' to the documents page of the posting when applying as part of the application process.

Describe your role in the development of each work sample and the intended audience.

If possible, please include a sample of code you produced from at least one of the work samples.

Please answer the posting specific question as thoroughly and completely as possible. Attach your answers as a separate document, upload as 'Other Document – 2' to the documents page of the posting when applying. When answering the posting specific question, you must enter into the provided text box a message that states “Will upload responses to documents page.” Posting question: An instructor in the Fisheries & Wildlife department has a course set to begin in three months. Along with standard coursework in the Canvas course, the instructor wants to provide a web interface allowing students to memorize taxonomic information about various species of fishes, as well as keep the information up-to-date. The instructor has produced thousands of digital images as well as realistic 3D models for some species. Describe how you would develop a web site to present the provided images and 3D models that would be effective for learning.

**Position Information**

Min Salary $3243

Max Salary $8682

Employment Category Regular

**Position Summary**

This recruitment will be used to fill one full-time Analyst Programmer (Web Developer), competency level 2, position for Extended Campus at Oregon State University (OSU).

OSU Extended Campus is a fast-growing, entrepreneurial organization with a commitment to providing access to Oregon State University’s programs of excellence. OSU Extended Campus has three main programmatic areas: OSU Ecampus (online degrees), Open Oregon State (open educational resources), and OSU Summer Session.

The Web Developer provides programming and multimedia support for OSU Extended Campus programmatic and course needs. This position works as part of the Course Development and Training team, collaborating with faculty, administrators and other clients to design and develop instructional technology and other web-based educational resources for courses and modules.

This Web Developer designs, develops, tests, implements, and maintains web and multimedia applications. This position collaborates with colleagues in OSU Extended Campus and other partners to design and assemble the programming and media necessary to carry out design plans as conceived by assigned instructional designers.

**Position Duties**

40% Application Development:

Designs, develops, analyzes, and maintains scalable applications created in PHP, MySQL, CSS3, HTML5, JavaScript, jQuery, JSON, and others to meet the expectations and needs of OSU Extended Campus clients/users.

Implements projects in various scripting languages and client/server technologies. Responds to cross-platform/browser compatibility issues. Develops applications with adaptive/responsive design, paying attention to mobile accessibility, end-user accessibility, and web standards.

Designs and develops analytical reporting tools based off data or other needs from a Learning Management System (LMS) or Content Management System (CMS) for online delivery.

Reviews production of web applications for online classes and modules with content experts and Course Development and Training team members involved with assigned projects.

30% Application Design:

Designs visual interface of course/module applications for improving user experience.

Develops wireframes for web applications along with elegant solutions to complex web application workflows.

15% Research and Assessment:

Researches and develops methods and technology that promote instruction and learner retention and impart knowledge.

Identifies emerging technologies and resources used toward project completion.

Builds long term positive relationships and collaborates with faculty, instructors, and content experts to identify needs.

Conducts regular email or telephone contact with current project participants.

Assesses and evaluates the effectiveness of technological components and products. Researches and suggests improvements.

10% Troubleshooting and Support:

Troubleshoots LMS (Learning Management System) or web application to resolve issues and diagnose technical problems that affect the work of OSU Ecampus’ clients/users.

Assists with troubleshooting problems for end-users.

5% Professional Development and Service:

Serves as a member of OSU Extended Campus teams. Provides service to OSU and the land grant system by working on departmental, division, university, regional and national committees and projects, serving as a representative of OSU Extended Campus and the CDT team

Participates as a member of the CDT team by attending meetings, participating in team decision making, implementing solutions to team challenges as a member of the multimedia team, and assisting with other team functions. Service may include other duties as assigned to support and provide back up the CDT team.

Attends professional workshops and meetings, sharing knowledge and networking with other professionals. Represents OSU Extended Campus at forums, workshops, trade shows, customer meetings, and other opportunities for constituents and clients. Participates in and provides technical cross-training.

**Minimum Qualifications**

This classification requires a basic foundation of knowledge and skills in systems analysis and related programming support functions generally obtained by a bachelor’s degree in computer science, or an equivalent amount of training and applied experience.

**Additional Required Qualifications**

Demonstrated skill in programming for Web environment: i.e. PHP, MySQL, CSS3, HTML5, JavaScript, jQuery, third-party API tools.

Excellent written and oral communication skills.

Experience programming and developing in a collaborative team environment.

Excellent computer skills and troubleshooting abilities.

This position is designated as a critical or security-sensitive position; therefore, the incumbent must successfully complete a Criminal History Check and be determined to be position qualified as per OSU Standard 576-055-0000 et seq. Incumbents are required to self-report convictions and those in Youth Programs may have additional Criminal History Checks every 24 months.

**Preferred (Special) Qualifications**

Experience with universal design.

Experience working with a diverse group of people/teams.

Experience with code source control management (such as Git).

Experience with Cocoa or Swift.

Experience with additional multimedia programs and tools.

Experience with Instructure’s Canvas learning management system.

A demonstrable commitment to promoting and enhancing diversity.

Working Conditions / Work Schedule

**Typical office environment.**

This position is deemed essential and the incumbent may be expected to report to work during inclement weather, emergency and other University work curtailments or closures. No

This position requires a clear and unambiguous commitment to compliance of all National Collegiate Athletic Association (NCAA) regulations for Division I (FBS) universities. No

Posting Detail Information

Posting Number P00672CT

Number of Vacancies 1

Anticipated Appointment Begin Date 02/01/2017

Anticipated Appointment End Date

Posting Date 12/09/2016

Full Consideration Date

Closing Date 01/23/2017

Indicate how you intend to recruit for this search Competitive / External - open to ALL qualified applicants

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