

**Senior Web Developer - Information Technologist 4 (AESES)**

New Budget-Funded Continuing Full-Time

35.00 hours/week 8:00am - 4:00pm

Salary Range: $35.30 - $47.23 per hour ($64,246.00 - $85,958.60 per annum)

Proposed Start Date: February 23, 2018

Trial/Probation Period: 840.00 hours

For more information, please contact:

Attyah Jansen

120-A116 Chown Building

204-789-3797 or [medhr@umanitoba.ca](mailto:medhr@umanitoba.ca)

**RESPONSIBILITIES:**

- Oversees projects and works with team members in all aspects of the software development life cycle. This includes: strategic direction, consultation with senior management, analysis, application/database

design and development, and testing and deployment for both new and existing web-based applications.

- Designs new and maintains existing websites, web and mobile applications.

- Designs and delivers non-academic courses to faculty and staff in technology-related topics and acts as a resource person for the community by providing assistance and problem-solving skills to individuals and organizations responsible for running Entrada

- Provides specific expertise to aid in the planning, design and development of an evolving online presence.

- Works with other senior team members to outline and create strategic directions for technology within the Entrada Consortium.

- May provide guidance and direction for casual staff and students. This includes delegating and coordinating, work coaching and mentoring.

- Undertake other duties in support of the department/unit.

- Performs other related duties as assigned or required.

**EDUCATION:**

- Three-year post-secondary program with a concentration in computer science or related computer technology.

**EXPERIENCE:**

- Expert knowledge of PHP (including OOP concepts and design patterns) is required.

- Strong web-based user interface design and development skills using modern techniques is required.

- PHP framework experience, including OOP concepts and design patterns (i.e. Laravel) is required.

- Javascript framework experience (i.e. VueJS) is required.

- Understanding of the university environment, specifically Medical Education or a related Health Sciences related discipline and course development is preferred.

- An acceptable equivalent combination of education and experience may be considered.

**SKILLS AND ABILITIES:**

- Sound knowledge of major computer systems is required.

- Proficiency in the development, implementation, and maintenance of websites and advanced web-based applications is required.

- Advanced knowledge of MariaDB (MySQL) database server environment is required.

- Proficiency with Linux server operating systems and maintenance is required.

- Strong user interface design and development skills using modem techniques is required.

- Working knowledge of Adobe Photoshop is required.

- Analytical and problem-solving skills to arrive at the most efficient solutions is required.

- Ability to resolve problems under pressure while meeting deadlines is required.

- Ability to analyze and evaluate information with respect to solving database, web application problems, and security problems is required.

- Excellent communication and interpersonal skills to interact with a variety of people with various levels of technological sophistication both inside the department/unit and externally is required.

- A demonstrated ability to learn and adapt to rapidly changing technologies is required.

- Must be self-motivated, well organized and able to work individually or as part of a dynamic team.

- Must be able to make sound independent judgements and utilize problem solving abilities.

- Must be able to perform efficiently under pressure as a result of deadlines, etc.

- Must be able to effectively and efficiently handle multiple, simultaneous, and complex tasks and projects.

- Knowledge of the Entrada Platform is preferred.

- Satisfactory work record, including satisfactory attendance and punctuality, is required.