***This old UMB job description was created between 2000 and 2014 and is being provided as a template or guide in the preparation of a current job description. The essential functions are general in nature and may not accurately depict the duties of a specific unit. Managers are encourage to update and provide specific duties that are applicable to work being performed in the unit.***

Job Title: **IT Web Developer Lead**

Job Family: Information Technology Sub Family: IT - Web Development

**Job Summary:**

The lead web developer is responsible for all aspects of the development and production of web environments. This position is responsible for independent design, development, documentation and implementation of Internet-based applications to support the University, a school, or a department. This individual uses a variety of complex techniques and tools to achieve desired look and functionality. This individual is the lead developer in applications that interface to secure sites, i.e. credit card integration.

**Essential Functions:**

* Independently creates, builds, and maintains well designed website with effective interactive and transactional functions for the University, school, or department schemas utilizing HTML, DHTML, JavaScript, database development, relational database design, and database protocols. Enhances user appeal and utility of web environments using contemporary programming languages.
* Independently web-based applications using tools & technologies, such as: Apache, ASP, ColdFusion, PHP, Perl, Python, Index Server, JavaScript/VBScript, and Visual Interdev. Knowledge and experience with installing, configuring, maintaining, tuning, analyzing and optimizing websites in the NT, Windows or Unix environment.
* Leads the support of Content Management Systems and Cascading Style Sheets (CSS). Develops custom system modules.
* Lead the development and execution of project work plans. Revises project plan, in consultation with upper management, to meet changing needs and requirements and enforces coding standards.
* Ensures documentation is up-to-date and features, technical specifications, and infrastructure requirements for self-produced technical work and job processes.
* Identifies and addresses browser, client server, and internet systems specific architecture compatibility issues. Address HTML and scripting compatibility and integration issues between different browsers and computing platforms utilizing various design methodologies and object oriented environments.
* Conducts and maintains setup, installation, and management of software and applications as needed by University or department.
* Leads and trains other staff associated with web development.
* Recognizes system deficiencies and implements effective solutions.
* Interface backend databases (SQL or Oracle) with database administrators in order to maximized function and effectiveness of web applications.
* Translates functional requirements into technical design and development projects.
* Perform other duties as assigned.

**Minimum Qualifications**

Education: Bachelors Information Technology, Computer Science, Systems Administration, Computer Engineering or a related field.

Experience: Five (5) years Minimum of five (5) years experience with knowledge of at least two (2) structured programming languages and relatio l database Management systems. Familiar with a variety of the field's concepts, practices, and procedures (i.e., SQL, C++, HTML, ColdFusion, CGI and JavaScript/VBScript, IIS, ASP, PHP, .NET, Perl, Python, and Index Server).

Supervisory:

Licensure/Certification:

Other: No subsitution of experience for minimum education requirement.

**Knowledge, Skills, and Abilities**

*Managers may provide prefered knowledge, skills, and abilities as necessary.*

Job Code: E0738G

SOC Code: 151134 IPEDS: Computer

EEO6 Code: Professional State Code: 9749512

USM eCode: E4007B AAP Code: 3A