***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 Senior**

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

**Job Summary:**

Senior web developer is responsible for installation and administration of both development and production of web environments. This position is responsible for design, development, documentation and implementation of Internet-based applications to support the University, a school, or a department. Uses a variety of complex techniques and tools to achieve desired look and functionality and may interface to secure sites, i.e. credit card integration.

**Essential Functions:**

* 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.
* Creates web-based applications using tools & technologies, such as: Apache, ASP, ColdFusion, PHP, Perl, Python, Index Server, and JavaScript/VBScript. Knowledge and experience with installing, configuring, maintaining, tuning, analyzing and optimizing websites in the NT, Windows or Unix environment.
* Manages and supports Content Management Systems (CMS) or (CSS). Develops custom system modules.
* Develops and executes project work plans and revises as appropriate 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.
* Makes recommendations for resources within budget and input in project schedule.
* May lead and train 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.
* Performs other duties as assigned.

**Minimum Qualifications**

Education: Bachelors in Computer Science or Information Technology curriculum preferred.

Experience: Three (3) years Three (3) 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.

Equivalent of seven (7) years combination of formal information systems & web education/training and/or web experience with knowledge of at least two (2) structured programming languages and relational database management systems.

**Knowledge, Skills, and Abilities**

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

Job Code: E0738F

SOC Code: 151134 IPEDS: Computer

EEO6 Code: Professional State Code: 9749512

USM eCode: E4007B AAP Code: 3A