Systems Integrator Job Posting

Posting Number 040805
Position Title Systems Integrator - Lead
Number of Vacancies 1
School/College/Division/Institutes/Centers 25 - Computing & Info Technology
Primary Department H8301-University Information Systems
Essential Functions (Job Duties)

- Create and design IT solutions, to streamline the core business of schools, colleges and divisions
- Design and program complex web-based solutions for university schools, colleges and divisions
- Integrate solutions with existing IT systems and services
- Work with customer(s) to define information requirements for potential applications.
- Work with customer to develop work plans and key deliverables
- Research available tools and technologies to determine alternative technology solutions.
- Conduct cost/benefit or feasibility analyses to provide recommendations on alternative approaches.
- Develop or acquire, test, and implement new or enhanced integrated applications.
- Train customer(s) on the use of integrated applications to ensure optimal use of the application.
- Provide ongoing support for customer(s) for assigned applications including trouble shooting and problem resolution.
- Document the application for technical and customer reference.
- Implement and maintain developed solutions
- 24/7 production support for developed solutions
- Unique Duties
- Designs and implements complex web-based services, that directly and positively impacts our ability to attract and retain students.
- Plays a key role in support of core university applications such as e-mail, calendaring, emergency messaging, broadcast messaging, directory services and mobile application development initiatives.
- Conduct business analysis and determine opportunities to apply technology to streamline core business processes.
- Research available tools and technologies to determine alternative technology solutions, integrate solutions as necessary.
- Document software, and train customer(s) on the use of integrated applications, to ensure optimal use.
- Qualifications
- Knowledge of multiple IT tools and technologies available including applications programming languages, operating systems, and hardware configurations.
- Knowledge of basic business practices.
- Skill in solving complex analytical problems.
- Skill in oral and written communication.

- Ability to take a complex problem and break it down into logical parts.
- Ability to work effectively with customers, interpreting their issues and translating them into workable solutions.
- Proficiency in the use of basic applications programming languages, tools, and/or methodologies for developing integrated applications typically acquired through formal education or equivalent experience in applications systems development.
- Demonstrated ability in analyzing customer requirements and developing basic information systems solutions typically acquired through one to two years of directly related experience in application development and/or support.
- Extensive experience and proficiency in the PHP programming language.
- Extensive experience in web design and web programming, including CSS, HTML, XML, SOAP, JQuery, JSON and Javascript.
- Extensive experience in developing and delivering web-based applications that integrate directly with complex relational databases.
- Extensive experience with SQL.
- Extensive experience in recognizing security vulnerabilities in code
- Extensive experience in cross-browser testing
- Extensive experience in creating browser-agnostic web applications
- Considerable Experience with integrating existing opensource and proprietary technologies where appropriate
- Considerable Experience with working in a collaborative, team programming environment
- Experience with the development and programming of integrated authentication systems using LDAP.
- Experience with network topologies such as TCP/IP networks and firewalls
- Experience with Windows, Linux and Macintosh environments
- Some experience with ColdFusion
- Some experience with code repositiories such as SVN or CVS
- Some experience with using and managing UNIX/Linux operating systems
- Some experience in the deployment and management of Apache-based web servers.

Preferred Qualifications
This is the leadership level where incumbents are fully qualified in all aspects of system integration. They have a high level of technical expertise in platforms, applications, tools, and methodologies along with a broad knowledge of the customer area or function supported. As project leaders, they are responsible for providing technical work direction to project staff including reviewing work, setting time schedules, and assisting in technical development activities. The majority of their time is spent in project planning and management activities but they may be called upon to assist in the development of highly complex integrated systems where their expertise is of value.