

Position Vacancy Announcement - Campus-Wide Internal Search Systems Specialists for Student Systems

Kansas State University is seeking internal applicants for two Systems Specialists for Student Systems. These positions provide software configuration and development, interface design and development, application maintenance, and operational support for the Student Information System (ISIS) and other systems as required. Applicants will be restricted to current Kansas State University employees.

Responsibilities

Analysis/Design

Meet with users and user management to define requirements and determine appropriate system configuration. Analyze and design system interfaces to other K-State and third party applications. Analyze and design specialized queries, reports, system add-ons, data migration strategies, and operational processes. Analyze the impact and develop strategies for applying system upgrades, fixes, and patches. Analyze the feasibility and impact of modifications and system enhancements. Participate in the planned roll-out of new applications. Provide technical expertise regarding the implementation and operation of systems. Regularly participate in team meetings and assist in the development of project plans.

Programming

Develop and test existing programs, write new programs, queries, and reports. Develop and test interface and conversion programs. Research and troubleshoot application problems. Report, coordinate, and resolve application problems in cooperation with the vendor and other K-State technical and functional staff as appropriate. Document the resolution of problems, program changes, operating procedures, and technical reference materials. Assist in developing end-user testing scenarios. Enhance existing code and/or write new programs or reports per project specifications. Adhere to application development policies and procedures.

Operational Support

Serve as the point of contact for technical questions and issues related to system operation. Provide routine system performance monitoring. Communicate and coordinate technical tasks among K-State technical and functional staff and third party vendors. Work with K-State technical staff to ensure proper system security, back-up, and recovery procedures. Provide on-call support and proactive system maintenance.

Consulting/Training

Provide expert technical advice and consulting to users of the system, other K-State technical staff, and third party vendors. Develop technical training materials and assist in training other programmer/analysts on vendor applications, programming languages, developer tools, and technical environment.

Technical

Attend meetings, conferences, and training sessions to increase knowledge of vendor applications, developer tools, programming languages, and technical environment. Maintain currency in the profession.

Mandatory Qualifications

- Bachelor's degree in Computer Science, Information Systems, Software Engineering, or other appropriately related technical field.

- Two years' hands-on experience in systems analysis, designing, coding, testing, and maintaining application programs, with one full calendar year of that experience involving a UNIX operating system environment (such as Sun Solaris) using a server-based relational database management system (such as Oracle). Exhibits demonstrated knowledge of SQL or

PL/SQL. (A relevant master's degree with projects involving hands-on programming in a UNIX operating system may substitute for partial experience requirement.)

- Ability to learn complex new information technologies through a combination of significant personal research efforts, hands-on experience, formal and informal training.
- Ability to work effectively in a group setting and interact professionally to accomplish complex interdependent technical objectives.
- Ability to work independently to complete assigned tasks.
- Have a track record of completing projects on time.
- Ability to balance multiple tasks and priorities effectively.
- Must be a current K-State employee.

Preferred Qualifications

- Experience with one or more of the following tools and technologies:
 - PeopleSoft applications, such as Campus Solutions, Financials, or HRMS
 - PeopleTools v. 8.47 or higher
 - Oracle RDBMS 10g or higher
 - SQL Plus
 - TOAD (Tool for Oracle Application Developers)
 - Oracle Web Tool Kit (Web PL/SQL, HTML, XML, Java Script).
 - Java
 - J2EE
 - UNIX shell scripting
 - CGI Scripting
 - Report writers (SQR, Crystal)
 - Mercury Quick Test Professional
 - Harvest Version Control System
- Advanced degree in Computer Science, Information Systems, Software Engineering, Business or public administration or other appropriately related technical field.
- In-depth knowledge and experience in systems analysis and computer programming for administrative applications.
- Knowledge of student business functions in higher education.
- Team leader experience on a variety of major application development projects.

Salary or Range: \$50,000 - \$58,000

Applicants must submit:

1. Cover letter reflecting how skills meet the requirements of the position
2. Resume
3. Names, phone numbers, and e-mail addresses of at least three professional references

Submit application materials to vhoran@ksu.edu or:

ISO Systems Specialist Search
c/o Viki Horan
400J K-State Foundation Center
Kansas State University
Manhattan, KS 66506

Screening of applications begins October 6, 2009, and will continue until position is filled.

Questions may be directed to Viki Horan at vhoran@ksu.edu

Kansas State University is an equal opportunity employer and actively seeks diversity among its employees.