



Duke University
Office of Information Technology

Position Available

POSITION TITLE:	Analyst, IT - Development
JOB CODE:	2423
JOB BAND:	Band C
JOB FAMILY:	08 (Information Technology)
WORK SCHEDULE:	Normal hours worked
DEPARTMENT CONTACT:	Jeremy Sisk (jeremy.sisk@duke.edu) 919-681-7679

POSITION SUMMARY:

Provide analytical and software development services in the implementation, integration and operational support of enterprise web-based systems and services. This position requires an individual with expertise in web application development, Java and Ruby programming and SQL development. The staff member must demonstrate the ability to work in a team environment and communicate with others effectively.

DUTIES & WORK PERFORMED:

- Document all work efforts in relation to customer requests, change requests, maintenance activities, and others as identified
- Collaborate with other staff and customers
- Research, design and develop solutions for business needs driven issues and problems
- Perform operational duties such as troubleshooting
- Implement data and application models
- Participate in an on-call (off-hours) rotation with other staff
- Participate in educational and higher education initiatives

SOFT SKILLS:

- Time management and organization
- Excellent communication: Verbal and written, technical and non-technical
- Written analysis and evaluation

- Teamwork
- Self-motivated and goal-oriented
- Excellent interpersonal and interview skills
- Ability to learn and adapt to new technologies
- Independent worker, yet able to take direction from management and provide regular status

SUPERVISORY RESPONSIBILITIES:

- None

QUALIFICATIONS:

Proven ability to support web applications and/or other third-party systems and tools.

EDUCATION:

Preferred:

BA or BS (Computer Science, Engineering or related field) or equivalent combination of relevant education and experience.

Required:

Equivalent work experience.

EXPERIENCE & SKILLS:

Required:

Software Developer:

- Requirements analysis, technical specification and design
- Proven problem solving
- Advanced Structured Query Language (SQL) experience
- Data conversion, cleansing and migration experience
- Software and system change and release management
- Problem tracking/resolution
- Software QA methodology
- Oracle 9i and/or 10g
- Expertise in web markup and scripting languages (HTML, CSS, XML, Javascript)
- Experience with the Java programming language (specifically Spring/J2EE frameworks)
- Experience with the Ruby programming language and Ruby on Rails framework
- Understanding of object-oriented design and programming
- Experience with XML/XSLT
- Experience with automated testing methodologies
- Experience with version management and source control systems

- Understanding of relational databases
- Experience developing applications for UNIX(Linux) environments

Technical Leadership:

- Identify and recommend system efficiencies
- Evaluate and apply product features to optimize business processes

Preferred:

- Experience in networked, multi-platform, heterogeneous environment
- Linux skills/knowledge
- Common PC and networked applications, programming languages
- Understanding of software development lifecycle (Scrum, XP, Waterfall)
- Data management, analysis and design
- Web user interface design and implementation
- Large integrated system performance tuning

WORKING CONDITIONS:

Office environment.

DATE OF POSTING: February 25, 2008
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