



POSITION AVAILABLE

POSITION TITLE: Sr. Analyst, IT – Software Programmer
JOB CODE: 2426
JOB BAND: Band D
JOB FAMILY: 08 (Information Technology)
WORK SCHEDULE: Normal hours worked
DEPARTMENT CONTACT: Kevin Witte
kevin.witte@duke.edu

POSITION SUMMARY:

Responsible for the evaluation, design, development, implementation, integration and operational support of web-based systems. Assists the Senior Manager of IFS in assessing feasibility of projects, writing requirements and specifications, and researching and recommending technical solutions. Provides technical leadership for the IFS team, OIT and the university community.

DUTIES & WORK PERFORMED:

Deliver custom software solutions that support the mission of the university by specifying, planning, developing, implementing and supporting the technology infrastructure of the institution.

Lead projects as assigned. Work with OIT management and representatives from university schools and departments to identify and design creative and robust solutions that meet institutional needs. Continuously enhance OIT's capabilities to enable innovation at the university. Meet difficult challenges with eagerness and tenacity.

Provide technical vision and leadership for the Internet Framework Services group, OIT and the university in the process of building and effectively employing software including technology frameworks, application programming interfaces, middleware components and supporting infrastructure.

Provide ongoing technical oversight, maintenance and support of the university's internet technology infrastructure, including but not limited to: web hosting, portals, content management systems, search engines, collaborative and social software.

Serve as a campus-wide technical leader and consultant and represent the university to the broader worldwide information technology community.

SOFT SKILLS:

Ability to mentor junior technical staff

Motivated, focused and self-guiding, works well on a small team

-Excellent written, oral, and interpersonal communication skills.

-The ability to interact with both technical and non-technical audiences is critical.

SUPERVISORY RESPONSIBILITIES:

None

QUALIFICATIONS:

Required:

- Five years experience working in software development
- Self-sufficiency managing server software (e.g. apache, tomcat) in Unix environments
- Solid command of OOP, SDLC, VCS, TDD, and Gang of Four design patterns
- Ability to generate technical specifications from functional requirements
- Strong knowledge of Java programming
- Command of bedrock technologies including XML, XSLT, SOAP, HTML and JavaScript
- Experience writing, maintaining, and tuning enterprise-scale web applications
- Deep understanding of relational databases
- Ability to continuously learn and assimilate new technologies

Preferred Experience:

- Spring Framework
- O/RM Tools such as Hibernate, TopLink, iBatis
- Ruby On Rails
- Familiarity and experience with common open-source applications and libraries

EDUCATION:

- Four year degree in computer science or equivalent education and experience

BENEFITS

Duke's comprehensive benefits package includes paid time-off (vacation, holidays, sick leave), health, dental, vision, disability and life insurance, educational assistance, and support for professional development and training. As an employee of Duke University you would also enjoy numerous discounted services such as health club memberships, movie tickets, and cell phone services.

ENVIRONMENT

The Office of Information Technology (OIT) is responsible for managing Duke campus' IT infrastructure, service and support including academic research and enterprise applications. OIT provides leadership and expertise in many areas of Information Technology to Duke entities, including faculty, staff, and students. Specific services delivered include voice, data & video communications, institutional email and administrative applications (payroll, financial ledger, student systems etc.), database, web infrastructure, desktop & helpdesk support, student computing, data center services, and high-performance computing & academic software systems. OIT is also responsible for developing/upgrading the physical IT infrastructure around campus and maintaining 23 student computer labs.

OIT is a member of Educause, IVY Plus, National Lambda Rail (NLR), and has representation at many of the leading technology consortiums that are driving the future growth and use of technology.

Duke University and Durham are located in the Research Triangle, a region that encompasses one of the nation's premier concentrations of academic, corporate, and public research. The Triangle region is rated among the most desirable areas in North America to live and work and has been identified by *Money* magazine as one of the "Best Places to Live" in the U.S.

Trustworthiness, respect, diversity, learning and teamwork are the hallmarks of Duke's guiding principles. Our accomplishments are dependent on the dedication and expertise of all who work to support Duke's mission.

Application

Send cover letter and resume to: Scooter Freaney, Human Resources Manager, at scooter.freaney@duke.edu. Please include **Analyst, IT Senior** in the subject line. Additionally post your resume in Duke database by going to <http://www.hr.duke.edu/jobs/>, use the requisition # to search and apply for this position.

These statements are intended to describe the general nature and level of work being performed by the employee in this position. They are not intended to be construed as an exhaustive list of all responsibilities, duties, and skills required of a person in this position.

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