

VACANCY ANNOUNCEMENT

Software Engineer
Office of Systems Innovations and Development
Federal Judicial Center
Washington, DC 20002-8003

The Federal Judicial Center is the federal courts' agency for research and continuing education. Congress established the Center in 1967 as a separate organization within the federal judicial system at the request of the Judicial Conference of the United States. A nine-member board, chaired by the Chief Justice of the United States, determines its basic policies. The Office of Systems Innovations and Development organizes, coordinates, and manages the Center's technology activities in response to the Center's own needs and its statutory responsibilities to provide training and research to the federal courts.

The Center offers an opportunity for a challenging position on a highly experienced, dynamic team to support a strategy based on Web-centric systems using the latest in tools and resources to ensure success. Not a typical government agency, the Center offers flexible work hours, a family friendly workplace, a pay band compensation plan, and tuition assistance for skill advancement.

DUTIES AND RESPONSIBILITIES:

The Center has need for a systems developer skilled in analyzing, designing, developing, documenting and supporting office automation, e-learning, e-business, e-workplace and information management applications. The focus of the position is to provide support for development efforts that include the development of applications for the collection and viewing of information, learning, messaging, collaboration, conferencing and portal solutions published in a Web context. The incumbent also provides general support, advice and technical contributions to interdivisional Center research, education and media projects. The developer's environment includes Websphere Application Server, Rational Application Developer for Websphere Software, Rational Data Architect, Rational Software Architect, Websphere Portal, Websphere Content Manager, DB2 and associated tools.

Under the general supervision of the Director of the Office of Systems Innovations and Development, specific responsibilities will include, but are not limited to:

- Using current software engineering practices, project management principles, innovative systems analysis and information architecture and design techniques to address particular automation needs of the Center;
- Undertaking the functional analysis and system design, development, documentation, and support of system projects as a member of an information management application development team;
- Developing Web-based applications in a Websphere environment using Rational Data Architect, Rational Software Architect and Unified Modeling Language (UML), Rational Application Developer and JavaScript and Java programming languages;
- Using DB2, Websphere Application Server, Rational Application Developer for Websphere Software, Rational Data Architect, Rational Software Architect together with UML, and Websphere Portal, provide programming and technical support in collaboration with other Center entities to develop e-learning, e-business and e-workplace solutions that incorporate messaging, collaboration, portals and conferencing solutions that support the Center's education and research mission and in-house automation needs;
- Maintaining existing Center information systems and using IBM Data Architect to design relational data models in DB2 and map logical data models to an XML

schema;

- Undertaking evaluative investigations and system development efforts involving state-of-the-art hardware and software environments;
- Preparing technical reports and documentation in support of evaluation studies and system development projects undertaken;
- Providing documentation, training and technical support for specific system development projects undertaken.

MANDATORY QUALIFICATIONS:

Mandatory qualifications include:

- A bachelor's degree in computer science or related area plus 4 years of demonstrated ability to analyze, design, develop, implement, and integrate information management applications using object-oriented design concepts or
- A master's degree in computer science or related area plus 2 years of demonstrated ability to analyze, design, develop, implement, and integrate information management applications using object-oriented design concepts.

Applicants must possess excellent interpersonal, verbal, and writing skills. This includes the ability to effectively analyze user requirements, construct an application that satisfies their requirements and effectively communicate to non-technical users the solution in terms they understand.

DESIRABLE QUALIFICATIONS:

Demonstrated experience with Rational Applications Developer; specific experience with DB2 Database Management System, Websphere Application Server, Rational Application Server, Rational Data Architect, Rational Software Architect and Websphere Portal; specific experience in information architecture and human interface designs incorporating video and sound; specific experience in the analysis, design, development, and support of e-learning and information management applications in a Web-based environment; specific experience with the UNIX and Windows operating systems; and specific experience with intranet WEB-based technologies.

SALARY AND BENEFITS:

The starting salary is set at \$78,393. For the successful candidate who is not currently a member of the Center staff, a higher starting salary, but not to exceed \$82,313, may be considered based upon the successful candidate's qualifications, experience and current salary. The FJC uses a payband compensation system. This position falls in the Center's payband V which has a salary range up to \$133,399, although not all incumbents in payband V positions can expect to reach the top of the range. For the successful internal candidate whose current salary is below the pay band base of \$78,393, that person's salary will be brought up to the base. If the successful internal candidate's current salary is above the base, his/her salary will be matched up to the top of pay band V.

A civil service rating is not required. The position does not carry the tenure rights of positions in the competitive civil service and has a one-year probationary period. Federal government benefits are applicable. An array of supplemental benefits are also offered including a transportation subsidy and a flexible benefit program allowing for pre-tax deductions for health insurance, health care, dependent care, and commuter expenses. The Center will consider flexible work arrangements for its employees including flextime and compressed schedules; partial telecommuting is also available on a case-by-case basis. The Federal Judicial Center is located in the Thurgood Marshall Building, conveniently situated to public transportation directly beside Union Station. The Marshall Building houses a child development center and a health fitness facility for its tenants.

July 17, 2009

Announcement #09-06

APPLICATION PROCEDURES:

Submit both (1) a cover letter describing your qualifications for the position and (2) a resume that specifies dates of employment, salaries, and responsibilities for all related positions, to:

Federal Judicial Center
ATTN: Human Resources Office, Room 6-190
Announcement #09-06
Thurgood Marshall Federal Judiciary Building
One Columbus Circle, NE
Washington, DC 20002-8003

This vacancy will remain open until filled but to assure full consideration applications should be received by August 21, 2009. Please refer to announcement #09-06 on your application.

The Federal Judicial Center is an Equal Opportunity Employer