Job Title: Senior Application Systems Analyst
Position Number:
Division/department: CIS (Information Technology)
Pay Grade: 87
Pay Range: $68,813.32 - $113,541.98

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DESCRIPTION:

This is a senior position with responsibilities to design, develop, implement, monitor, maintain and analyze software applications to ensure consistency with the agency's strategy, goals, and objectives. This includes creating reports, dashboards, and other applications for client and/or web-based solutions.

DUTIES AND RESPONSIBILITIES:

- As project leader, collaborate with supervisor in conceptualizing and developing new software, features, or applications.
- Conduct research on emerging application development software products, languages, and standards in support of procurement and development efforts
- Collaborate with vendors for efficient implementation of new software products, features, or systems and for resolution of any adaptation issues
- Develop and maintain applications and databases by evaluating client needs; analyzing requirements; developing software systems
- Monitor system details within the database, including stored procedures and execution time, and implement efficiency improvements.
- Recommend, schedule, and perform software improvements and upgrades
- Arrange project requirements in programming sequence by analyzing requirements, preparing a workflow chart and diagram using knowledge of computer capabilities, subject matter, programming language, and logic.
- Participate in fit gap and prototyping sessions, configuring systems, testing configurations, setting up tables, importing and exporting data and resolving issues.
- Provide reference for use of systems by writing and maintaining user documentation.
- Train department staff and develop training documentation in the use of various technologies.
- Evaluate the need for and appropriately recommend future system enhancements and additional functionality.
- Ensure accuracy in maintaining database, financial and associated records.
- Perform application configuration tasks as required.
- Be available for off-hours work as needed.
- Perform other duties, tasks or assignments as assigned.

EDUCATION:

Requires graduation from an accredited four-year college or university with a bachelor's degree in the field of Computer Science, IT Technology, Management Information Systems, software engineering or a related field and five years of related work experience; or an equivalent combination of training and experience.

PREFERRED EXPERIENCE:

- Experience with programming in ASP.Net, VB.Net, C# in Microsoft Visual Studio
- Experience with HTML5, CSS, JavaScript frameworks such as JQuery or AJAX , Web Services and APIs.
- Experience with report generation using Crystal reports
- Experience with MS SQL, Oracle, or other relational databases.
- Experience with court case management systems
- Experience managing technical projects under minimal supervision.

KNOWLEDGE, SKILL, AND ABILITIES:

Knowledge of general office policies and procedures. Ability to organize, meet requests, identify problems and work under pressure in a timely manner. Perform process analysis and propose solutions. Knowledge of current technology standards and requirements. Knowledge of a variety of programming and scripting languages such as Visual Studio, VB.Net, ASP.Net, HTML, XML, JAVA, SQL, and Crystal Reports. Ability to learn technical processes and software. Good knowledge of business English, spelling, and punctuations. Ability to effectively communicate, both orally and in writing. Abilities to interact with the public and co-workers in a professional, courteous manner. Ability to establish effective working relationships with co-workers. Skills in the operation of a personal computer, good working knowledge of Microsoft Word and other office automation products, and the ability to learn specialized, complex, computer applications