APPLICATION DEVELOPER

PURPOSE AND NATURE OF WORK

Positions in this classification perform basic tasks of information services division which include analyzing business processes, proposing computer applications to automate, designing input screens, writing code as required, testing applications under development, implementing and troubleshooting applications, training users, maintaining and documenting applications, and are expected to gain knowledge, abilities and skills to perform in more responsible classes.

Positions work with independence under the guidance of a Systems Analyst, report to an IS Manager, and have no supervisory responsibility.

ILLUSTRATIVE EXAMPLES OF WORK (Note: These examples are intended only to illustrate the various types of work performed by incumbents in this class. All of the duties performed by any one incumbent may not be listed, nor does any incumbent necessarily perform all of these duties.)

Employees in this classification develop understanding of the Lafayette Consolidated City Parish Government's computer applications, keep abreast of the latest technology of application development, prepare flowcharts and diagrams to illustrate sequences to be followed in describe logical operations of each step as well as the whole. Designs web application screens to accomplish user requested goals. Converts project specifications into sequences of detailed instructions and logical steps for coding into C#, ASP.NET or other approved programming language using flowcharts and diagrams. Codes, tests and documents predetermined code modules, applications and reports. Runs and tests applications, detects syntax and logic errors, makes modifications to remove errors.

Trains and assists users of the applications, recreates steps that encountered problems, locates sources of problem and corrects. Uses computer aided flowchart design, code generation or other software development tools in each stage of application development.

Performs related work as required.

NECESSARY KNOWLEDGE, ABILITIES, AND SKILLS

Knowledge of Visual Studio, C #, ASP.NET and SQL.
Knowledge of methods used to graphically represent data processing.
Knowledge of computer application design and implementation.
Knowledge of system software and hardware.
Ability to use computer assisted application development tools including code generators, flow chart software and related.
Ability to recognize need for, or potential for, improvements in computer applications for business processes.
Ability to interview users, prospective users, elicit in depth information concerning business processes, and propose effective and efficient equipment and applications to conduct those processes.
Ability to establish effective relationships and communicate effectively with City-Parish officials and employees.

DESIRABLE TRAINING AND EXPERIENCE

Baccalaureate degree in computer sciences, course work in the application development tools identified above, professional certification(s) in network administration, and experience in computer application development; or an equivalent combination of training and experience, are desired.

Note: Positions in the classification are assigned to an apprentice period, and must demonstrate proficiency in Visual Studio, C#, ASP.NET and SQL within 2 years of hire in order to continue employment.