



COUNTY OF HIDALGO

Department of Human Resources

Job Title: **APPLICATION DEVELOPER II**
Grade: 14

The County of Hidalgo Department of Human Resources reserves the right to select candidates considered to be the most highly qualified based on education and experience. The hiring department will interview and select the candidates provided by the Department of Human Resources.

GENERAL DESCRIPTION

Employee performs entry to routine computer application development. Work involves analyzing system outline to develop programs for computer applications; preparing and developing solution programs; documenting methods and procedures used in program development, and testing and revising programs. Uses advanced skills and broad knowledge to perform duties to support, maintain, and develop computer applications and/or solutions to facilitate business needs; May train others.

EXAMPLES OF WORK PERFORMED

Prepares detailed workflow charts and diagrams that describe input, output, and logical operation, and converts them into a series of instructions coded in a computer language

Prepares instructions for use during production runs and assists in preparing and developing instructions or manuals to guide end users

Compiles and documents procedures used throughout program development and revision

Codes, tests, and debugs programs

Analyzes proposed computer applications in terms of equipment requirements and capabilities

Analyzes, reviews, and revises programs to increase operating efficiency or to adapt new procedures

Assists in developing proposed computer applications in terms of equipment requirements and capabilities

Assists in developing solutions to software-related problems

Assists in preparing detailed analyses, plans, diagrams, and verification procedures for existing and proposed computer applications

May assist in the generation or installation of systems software

Performs related work as assigned

EXPERIENCE AND EDUCATION

Graduation from an accredited four (4) year college or university with major course work in computer science or related field

Three (3) years of experience in computer application development

Two (2) years of related experience may be substituted for one (1) year of education

CERTIFICATES, LICENSES AND REGISTRATION

Must have a current valid Texas motor vehicle operator's license

Must be able to be insured by the County's insurance carrier

KNOWLEDGE, SKILLS AND ABILITIES

Knowledge of the principles, practices, and techniques of computer programming and systems analysis; of computer operations procedures and systems; and of computer programming languages (Microsoft products, C #, Oracle, and MS SQL servers)

Skill in the use of computer equipment and in modifying programs for computer applications

Ability to process information logically; to design programs and systems architecture; to prepare program specifications; to code, test, and debug computer programs; to interpret technical information related to computer programming and other areas of data processing; to communicate effectively; and to train others

PHYSICAL DEMANDS

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job.

While performing the duties of this job, the employee is regularly required to talk or hear. The employee frequently is required to stand. The employee is occasionally required to walk; sit; use hands to find, handle, or feel objects, tools or controls; reach with hands and arms; climb or balance; stoop and kneel.

The employee must occasionally lift and/or move over twenty-five (25) pounds. Specific vision abilities required by this job include close vision, depth perception, and the ability to adjust focus.

WORK ENVIRONMENT

The work environment characteristics described here are representative of those an employee encounter while performing the essential functions of this job.

The noise level in the work environment is usually moderate.

SAFETY REQUIREMENTS

Maintain physical conditions appropriate to the performance of assigned duties and responsibilities which may include the following:

- sitting for extended periods of time
- standing for extended periods of time
- operating assigned equipment

Maintain mental capacity which permits:

- making sound decisions and using good judgment
- demonstrating intellectual capabilities

Effectively handle a work environment and conditions which involve:

- working closely with others
- working in a multi-task environment

Maintain effective audio-visual discrimination and perception needed for:

- making observations
- reading and writing
- operating assigned equipment
- communication with others
- required to follow the County of Hidalgo Accident Prevention Plan and department's safety regulations