

**TEXAS DEPARTMENT OF CRIMINAL JUSTICE
JOB DESCRIPTION**

POSITION TITLE: PROGRAMMER II –
Java

SALARY GROUP: B19

DEPARTMENT: Information Technology Division

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CERTIFICATION: I certify that, to my knowledge, this is an accurate and complete description of the essential functions and the conditions required for this position.

APPROVED BY: Charlotte Anderson DATE: 03/24/2014

POSITION #: 008158

I. JOB SUMMARY

Performs moderately complex computer programming work. Work involves analyzing systems requirements to develop programs for computer applications; developing solution programs; documenting the methods and procedures used in program development; and testing, correcting, and revising programs. Works under general supervision with limited latitude for the use of initiative and independent judgment.

II. ESSENTIAL FUNCTIONS

- A. Codes, tests, debugs, and maintains routine to moderately complex Java programs; prepares diagrams and logic flowcharts to represent operations and data flow for moderately complex applications; and creates Java scripts for program execution.
 - B. Assists programmers in developing proposed computer applications relating to equipment and capabilities; and prepares test data.
 - C. Documents procedures used in program development and revision; and prepares written instructions for computer operations for use during production runs.
- * Performs a variety of marginal duties not listed, to be determined and assigned as needed.

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III. MINIMUM QUALIFICATIONS

A. Education, Experience, and Training

1. Graduation from an accredited senior high school or equivalent or GED and one year full-time, wage-earning web application programming experience

or

thirty semester hours from a college or university accredited by an organization recognized by the Council for Higher Education Accreditation (CHEA) or by the United States Department of Education (USDE) with twelve semester hours in Computer Science or Management Information Systems.

2. Java programming experience preferred.
3. Criminal justice experience preferred.
4. Sun Java certification preferred.

B. Knowledge and Skills

1. Knowledge of data processing methods and equipment.
2. Knowledge of agency and departmental organizational structure, policies, procedures, rules, and regulations preferred.
3. Knowledge of Data Base Management System (DBMS) language, Java language, or web technology preferred.
4. Skill to develop programs for computer applications.
5. Skill to write, test, debug, and maintain computer programs for computer applications.
6. Skill in the use of computers and related equipment in a stand-alone or local area network environment.
7. Skill in problem-solving techniques.
8. Skill to coordinate with other staff, departments, officials, agencies, organizations, and the public.

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9. Skill to communicate ideas and instructions clearly and concisely.
10. Skill to perform detail work accurately.
11. Skill to plan work in order to meet established guidelines.
12. Skill in technical writing.

IV. ADDITIONAL REQUIREMENTS WITH OR WITHOUT REASONABLE ACCOMMODATION

- A. Ability to walk, stand, sit, kneel, push, stoop, reach above the shoulder, grasp, pull, bend repeatedly, climb stairs, identify colors, hear with aid, see, write, count, read, speak, analyze, alphabetize, lift and carry 15-44 lbs., perceive depth, operate a motor vehicle, and operate motor equipment.
- B. Conditions include working inside, working around machines with moving parts and moving objects, radiant and electrical energy, working closely with others, working alone, working protracted or irregular hours, and traveling by car, van, bus, and airplane.
- C. Equipment (machines, tools, devices) used in performing only the essential functions include computer and related equipment, typewriter, calculator, copier, fax machine, telephone, and automobile.