



Texas Facilities Commission Employment Opportunities

JOB Vacancy Notice: FY 24-41		
Business Title: Programmer	State Classification: Programmer III	
Salary Group: B24	Salary: \$7,083.33 (Month) \$85,000.00 (Year)	Hours/Week: 8:00am-5:00pm, Mon.-Fri.
Location: Central Services Building, 1711 San Jacinto Blvd. Austin, Texas 78701		
Posting Date: 12/06/2023	FLSA Status: Exempt	Hours: 40
Closing Date: Open until filled	Shift Differential: N/A	Openings: 1
Division: Chief Operations	Program: Information Technology	

Note: To apply for a state agency job with TFC, you must complete the electronic State of Texas Uniform Application for Employment through www.WorkInTexas.com.

JOB SUMMARY:

This position will perform highly complex computer programming work. Work involves developing and maintaining applications and interfaces between 3rd party applications and between internal and 3rd party applications; Maintaining and developing solutions to enable information sharing and management between business groups and disparate processes and systems; Development and maintenance of various database systems; Ensure the coordination and integration of systems design in accordance with IT policies, procedures and operations; and developing processes for migrating data from legacy systems to new ones. Standardizing and cleaning data, building prediction models, outcomes, and develop metrics for analytic reporting. Works with variety of tools- Power BI, tableau or Qlik to extract data and develop logic, reports and analyze data sets.

ESSENTIAL FUNCTIONS:

- Collects, aggregates, and analyzes data from multiple internal and external sources and utilizes business intelligence tools to create reports and dashboards, and produces actionable reports
- Develop, implement and validate new predictive models, conduct QA of models' outcomes and monitor performance regularly.
- Uses analytics and metrics to improve processes and provide data-driven forecasts of potential costs, risks, and profits of new business initiatives.
- Serves as a technical lead for compiling, cleaning, manipulating, and analyzing data related to department projects. Diagnoses and responds to data integrity and functional or interactive issues in existing and future dashboards quickly and effectively.
- Formulates validation strategies and methods to ensure accurate and reliable data.
- Adheres to internal controls and reporting structure.
- Perform other similar and related duties as required or directed
- Writes software code and debugs software.
- Provides technical advice and assistance in matters related to programming activities.
- Performs related work as assigned.
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MINIMUM QUALIFICATIONS:

- 2 years applications development experience, OR graduation from an accredited four-year college or university with major course work in computer science, computer information systems, or related field.
- Some experience in IT computer systems performing database development and maintenance.
- Education and experience may be substituted for one another on a year-for-year basis.

PREFERRED QUALIFICATONS:

- ◆ Strong proficiency with ETL (Extract, Transform, Load) processes, including complex data pipelines and workflows.



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- ◆ Demonstrated experience with Microsoft Power BI, Power Query, data modeling, visualization, and dashboard development.
- ◆ Knowledge of data warehousing principles and data modeling, star schema and dimensional data models.
- ◆ Experience with cloud services (especially Microsoft Azure) in a data engineering or business analytics context.
- ◆ Experience with Microsoft SQL Server 2018 or newer and writing T-SQL
- ◆ Experience with SSIS.
- ◆ Understanding of user experience, user centered design and responsive web design.
- ◆ Experience working with ColdFusion.
- ◆ Experience reading and writing flat files.
- ◆ Knowledge of Python, .Net, PHP or any other programming languages.
- ◆ Experience with Git and/or Gitlab specifically is a plus.
- ◆ Familiarity with Tableau, and/or Power Automate.

REGISTRATION, CERTIFICATION OR LICENSURE:

- Coursework in AI/ ML.

KNOWLEDGE, SKILLS & ABILITIES:

- ◆ Experience in implementing operational automation using scripts.
- ◆ Proficiency with at least one programming language required.
- ◆ Knowledge of the principles, practices, and techniques of computer databases, programming, and systems design.
- ◆ Knowledge of data integration, interface, and batch processing system designs
- ◆ Knowledge of computer database application systems; data processing flowcharting techniques; database structures and theories; current database technologies.
- ◆ Knowledge of data analysis, evaluation, and testing techniques and protocols.
- ◆ Skill in computer programming, and in modifying and developing software for applications.
- ◆ Skill in complex problem solving and critical thinking.
- ◆ Ability to process information logically; design programs and systems logic; prepare program specifications; code, test, and debug computer programs; interpret technical information related to computer programming and other areas of data processing.
- ◆ Ability to plan, organize, and coordinate work assignments to meet deadlines.
- ◆ Ability to work independently and manage multiple task assignments.
- ◆ Ability to communicate effectively, both orally and in writing.
- ◆ Demonstrated ability to maintain effective working relationships within and outside the agency.
- ◆ Demonstrated ability to identify problems, evaluate alternatives, and implement effective solutions.

PHYSICAL REQUIREMENTS AND/OR WORKING CONDITIONS:

This position functions in a standard office environment. There are no unusual dangers involved.

Veterans: Use your military skills to qualify for this position and others at TFC. Go to www.texasskillstowork.com to translate your military experience, training, and formal education into civilian job terms, qualifications, and skill sets.

Veterans, Reservist or Guardsmen with an MOS or additional duties that fall in the fields of 25B Information Technology Specialist, 255N Network Management Technician (Warrant), CTM Cryptologic Technician (Maintenance), 182X RL-Special Duty Officer-Information Professional Officer, CYB11 Cyber IT, 0679 Data Systems Chief, 0670 Data Systems Engineering Officer (Warrant), 1D7X1 Cyber Defense Operations, 17DX Warfighter Communications Operations, or other related fields pertaining to the minimum experience requirements may meet the minimum qualifications for this position and are highly encouraged to apply. Please call Human Resources at (512) 463-1717 with questions or for additional information.

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Additional Military Crosswalk information can be accessed at
http://www.hr.sao.texas.gov/Compensation/MilitaryCrosswalk/MOSC_InformationTechnology.pdf

Incomplete applications will not be considered.

Conditions of Employment:

Initial screening is based on the Education and Experience minimum qualifications defined in the job posting. Interviewee selection is based on applicant information explaining how they meet each Competency (Knowledge, Skills and Abilities) requirement. Follow application instructions and fill out application form completely for further consideration.

If selected for interview, all veterans must provide a DD214 long form. Official transcripts or other minimum requirement validations will be requested at the time of interview.

As part of its employment process, TFC may procure or have prepared a criminal background check. An applicant with an unsatisfactory criminal background check report is ineligible to be hired for the position for which the report is initiated.

Driver's record check will be conducted by the agency. Satisfactory driving records are required for driving state or personal vehicles and motor driven equipment to conduct agency business. CDL "Drivers" must consent to TFC's Drug and Alcohol Testing Policy against the illegal use of alcohol and drugs.

If hired, employee must provide document(s) within three (3) days of hire date that establish identity and employment eligibility. A complete list of acceptable documents is on file with the local Texas Workforce Commission office.

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Note: Any male between the ages of 18 and 25 must show proof of registration with the Selective Service System before he can be selected for employment with the Texas Facilities Commission.

WIT Number: 16322522

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