

# JOB DESCRIPTION

## FOR DER USE ONLY

### Vacancy No.

City Service Commission:	Finance Committee:
Fire & Police Commission:	Common Council:

**Instructions:** Complete all sections. Refer to the *Guidelines for Preparing Job Descriptions* for instructions on completing specific items.

<b>1. Date Prepared/ Revised:</b> 8/12/21		<b>2. Present Incumbent:</b>		<b>Is incumbent underfilling position?</b>	
<b>3. Date Filled:</b>		<b>4. Previous Incumbent:</b> Gary Hogue		YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> If YES, indicate Underfill Title in box 10.	
<b>5. Department:</b> Fire Department			<b>Bureau:</b> Support <b>Division:</b> Technical Services		<b>Unit:</b> <b>Section:</b>
<b>6. Work Location:</b> 2333 N. 49 <sup>th</sup> St.			<b>Telephone:</b> <b>Email:</b>		<b>Work Schedule:</b> Hours: 7:30am – 4:00pm/ Days: Mon-Fri
<b>7. Represented by a Union?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<b>8. Bargaining Unit:</b> Management, General City If in District Council 48, which local?			<b>9. FLSA Status (check one):</b> <input checked="" type="checkbox"/> Exempt <input type="checkbox"/> Non-Exempt
<b>10.</b>	<b>Official Title:</b> Functional Applications Analyst - Senior			<b>Pay Range</b>	<b>Job Code</b>
				2JX	5015
	<b>Underfill Title (if applicable):</b>				
<b>Requested Title (if applicable):</b>					<b>EEO Code</b> 203
<b>Recommended Title (DER Use Only):</b>				<b>Approved by:</b>  <b>Date:</b>	

### 11. BASIC FUNCTION OF POSITION:

Primary duties are to maintain current intranet site using C++, Java, Javascript, Python, HTML, PHP, ANSI SQL, and .NET, and work with internal and external stakeholders to analyze needs and requirements for the development, implementation, testing, documentation, and maintenance of computer-based applications and data bases, including ongoing product analysis, and production of customized reports and services.

### 12. DESCRIPTION OF JOB (Check if description applies to **Official Title** or **Underfill Title** ):

#### A. ESSENTIAL FUNCTIONS/Duties and Responsibilities: (Refer to the "Guidelines for Preparing Job Descriptions" for instructions on determining Essential Functions.)

% of Time	ESSENTIAL FUNCTION
30	• Maintains departmental intranet page using C++, Java, Javascript, Python, HTML, PHP, ANSI SQL, and .NET. Performs detailed analysis and design of new and existing technology systems. Utilizes department's work order system for all documentable tasks, reviewing project requests to ascertain exact user requirements. Designs, writes, tests, documents, and implements computer software in accordance with the division's project management methodology and quality assurance standards.
10	• Assists with application system upgrades including planning, testing, and implementation of vendor and departmental changes. Works to improve functionality of applications to meet department needs.
10	• Generates statistics and writes reports for management and/or team members.
10	• Supports in-house programming for Technical Services personnel.
10	• Meets with end-user/department personnel to assist with decision-making, problem-resolution, and training.
5	• Monitors and maintains data integrity in various data base applications including MSSQL, Oracle, and MySQL.
5	• Keeps abreast of current and emerging hardware and software technologies; maintains familiarity with existing application and programming languages.
5	• Develops documentation for all projects.
5	• Generates ad hoc reports.

#### B. PERIPHERAL DUTIES:

% of Time	PERIPHERAL DUTY
5	• Participates in professional training activities.
5	• Researches new technologies to improve department efficiency.

The above statements are intended to summarize the nature and level of work and typical responsibilities and duties being performed by the incumbent(s) of this job. They are not intended to be an exhaustive list of all responsibilities, duties, and tasks required of the position.

**C. NAME AND TITLE OF IMMEDIATE SUPERVISOR:**

Jeffrey Madison, Fire Information Technology Manager

**D. SUPERVISION RECEIVED:** (Describe the extent to which work assignments and methods are outlined, reviewed, and approved by this position’s supervisor.)

The Fire Information Technology Manager establishes goals/objectives and evaluates progress. Methods and tasks are self-directed.

**E. SUPERVISION EXERCISED:**

Total number of employees for whom responsible, either directly or indirectly = **None**.

**Direct Supervision:** List the number and titles of personnel directly supervised. Specify the kind and extent of supervision exercised by indicating one or more of the following:

a. Assign duties	e. Sign or approve work	
b. Outline methods	f. Make hiring recommendations	
c. Direct work in progress	g. Prepare performance appraisals	
d. Check or inspect completed work	h. Take disciplinary action or effectively recommend such	
Number Supervised	Job Title	Extent of Supervision Exercised (Select those that apply from list above, a - h)
0		

**F. MINIMUM QUALIFICATIONS REQUIRED:** (Indicate the MINIMUM qualifications required to enter the job.)

i. Education and Experience:

Bachelor’s Degree in Computer Science, Information Management, Business Administration or other closely related field from an accredited college or university with a minimum of five years of professional programming experience with at least one of the scripting languages listed in the next section, and systems analyst experience, preferably involving MSSQL/Oracle database administration.

ii. Knowledge, Skills and Abilities:

Must have experience, and be technically fluent with at least one of the following scripting languages: C++, Java, Javascript, Python, HTML, PHP, ANSI SQL and .NET. Must have experience with Oracle and Microsoft SQL Server 2008 or newer. Required to have an excellent understanding of coding methods and best practices. Knowledge of computer aided dispatch (CAD) and records management systems are helpful but not required.

Must be experienced in identifying, troubleshooting, and resolving programming and logic-based issues. Skill in writing and modifying program scripts is necessary. Must be able to identify and resolve software problems. Must be adept at conducting research into software-related issues and products, developing test cases and test plans. Required to have knowledge and work experience with applicable data privacy practices and laws. Must remain current with the latest developments in technology, recommending technical changes to department infrastructure.

Must have the ability to effectively prioritize and execute tasks in a high-pressure environment. Required to be self-motivated and directed, as well as detail-orientated and logical, with outstanding analytical skills. Must possess excellent written and oral communications and interpersonal skills to effectively dialogue with a diverse group of coworkers within the division, and throughout the department, as well as members of inter-disciplinary teams for insight on program functionality, interface, problems, and/or usability issues, and eventually training them on program usage. Working well both independently and in a team-oriented collaborative environment is essential.

iii. Certifications, Licenses, Registrations:

iv. Other Requirements:

**13. PHYSICAL AND ENVIRONMENTAL DEMANDS: TOOLS AND EQUIPMENT USED**

The Americans with Disabilities Act (ADA) of 1990, as amended by the Americans with Disabilities Act Amendments Act (ADAAA) of 2008 requires job descriptions to provide detailed information regarding the physical demands required to perform the essential functions of a job; the conditions under which the job is performed; and the tools and equipment the employee will be required to use on the job. Reasonable accommodations may be made to enable qualified individuals to perform the essential duties and responsibilities of the job for each of the categories listed below.

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**G. PHYSICAL ACTIVITY OF THE POSITION:** (List the physical activities that are representative of those that must be met to successfully perform the essential functions of the job).

**CHECK ALL THAT APPLY:**

<input type="checkbox"/>	<b>Climbing:</b> Ascending or descending ladders, stairs, scaffolding, ramps, poles, and the like; using feet and legs and/or hands and arms. Body agility is emphasized. Check only if the amount and kind of climbing required exceeds that required for ordinary locomotion.
<input type="checkbox"/>	<b>Balancing:</b> Maintaining body equilibrium to prevent falling when walking, standing or crouching on narrow, slippery or erratically moving surfaces. Check only if the amount and kind of balancing exceeds that needed for ordinary locomotion and maintenance of body equilibrium.
<input type="checkbox"/>	<b>Stooping:</b> Bending body downward and forward by bending spine at the waist. Check only if it occurs to a considerable degree and requires full use of the lower extremities and back muscles.
<input type="checkbox"/>	<b>Kneeling:</b> Bending legs at knee to come to a rest on knee or knees.
<input type="checkbox"/>	<b>Crouching:</b> Bending the body downward and forward by bending leg and spine.
<input type="checkbox"/>	<b>Crawling:</b> Moving about on hands and knees or hands and feet.
<input type="checkbox"/>	<b>Reaching:</b> Extending Hand(s) and arm(s) in any direction.
<input type="checkbox"/>	<b>Standing:</b> Particularly for sustained periods of time.
<input type="checkbox"/>	<b>Walking:</b> Moving about on foot to accomplish tasks, particularly for long distances.
<input type="checkbox"/>	<b>Pushing:</b> Using upper extremities to exert force in order to draw, press against something with steady force in order to thrust forward, downward or outward.
<input type="checkbox"/>	<b>Pulling:</b> Using upper extremities to exert force in order to draw, drag, haul or tug objects in a sustained motion.
<input type="checkbox"/>	<b>Lifting:</b> Raising objects from a lower to a higher position or moving objects horizontally from position-to-position. Check only if it occurs to a considerable degree and requires substantial use of the upper extremities and back muscles.
<input checked="" type="checkbox"/>	<b>Fingering:</b> Picking, pinching, typing or otherwise working primarily with fingers rather than with the whole hand or arm, as in handling.
<input checked="" type="checkbox"/>	<b>Grasping:</b> Applying pressure to an object with fingers and palm.
<input type="checkbox"/>	<b>Feeling:</b> Perceiving attributes of objects such as size, shape, temperature or texture by touching with the skin, particularly that of the fingertips.
<input checked="" type="checkbox"/>	<b>Talking:</b> Expressing or exchanging ideas by means of the spoken word. Those activities which demand detailed or important instructions spoken to other workers accurately, loudly or quickly.
<input checked="" type="checkbox"/>	<b>Hearing:</b> Perceiving the nature of sounds with no less than a 40 db loss. Ability to receive oral communication and make fine discriminations in sound.
<input checked="" type="checkbox"/>	<b>Repetitive Motions:</b> Substantial movements (motions) of the wrist, hands, and/or fingers.
<input type="checkbox"/>	<b>Driving:</b> Minimum standards required by State Law (including license).

**H. PHYSICAL REQUIREMENTS OF THE POSITION:** (List the physical requirements that are essential functions of the job.)

**CHECK ONE:**

<input checked="" type="checkbox"/>	<b>Sedentary Work:</b> Exerting up to 10 pounds of force occasionally and/or negligible amount of force frequently or constantly to lift, carry, push, pull or otherwise move objects. Sedentary work involves sitting most of the time. Jobs are sedentary if walking and standing are required only occasionally and all other sedentary criteria are met.
<input type="checkbox"/>	<b>Light Work:</b> Exerting up to 10 pounds of force occasionally and/or negligible amount of force constantly to move objects. If the use of arm and/or leg controls requires exertion of forces greater than that for sedentary work and the worker sits most of the time, the job is rated for Light Work.
<input type="checkbox"/>	<b>Medium Work:</b> Exerting up to 50 pounds of force occasionally and/or up to 20 pounds of force frequently, and/or up to 10 pounds of force constantly to move objects.
<input type="checkbox"/>	<b>Heavy Work:</b> Exerting up to 100 pounds of force occasionally, and/or up to 50 pounds of force frequently, and/or up to 20 pounds of force constantly to move objects.
<input type="checkbox"/>	<b>Very Heavy Work:</b> Exerting in excess of 100 pounds of force occasionally, and/or in excess of 50 pounds of force frequently, and/or in excess of 20 pounds of force constantly to move objects.

**I. VISUAL ACUITY REQUIREMENTS:** (List the visual acuity requirements that are essential functions of the job.)

**CHECK ONE:**

<input checked="" type="checkbox"/>	<b>Operators (Electronic Equipment), Inspection, Close Assembly, Clerical, Administrative:</b> This is a minimum standard for use with those whose job requires work done at close visual range (i.e. preparing and analyzing data and figures, accounting, transcription, computer terminal, extensive reading, visual inspection involving small parts, operation of machines, using measurement devices, assembly or fabrication of parts).
<input type="checkbox"/>	<b>Machine Operators, Mechanics, Skilled Tradespeople:</b> This is a minimum standard for use with those whose work deals with machines where the seeing job is at or within arm's reach. This also includes mechanics and skilled tradespeople and those who do work of a non-repetitive nature such as carpenters, technicians, service people, plumbers, painters, mechanics, etc. (If the machine operator also inspects, check the "Operators" box.)

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<input type="checkbox"/>	<b>Mobile Equipment Operators:</b> This is a minimum standard for use with those who operate cars, trucks, forklifts, cranes, and high lift equipment.
<input type="checkbox"/>	<b>Other:</b> This is a minimum standard based on the criteria of accuracy and neatness of work for janitors, sweepers, etc.

**J. THE CONDITIONS THE WORKER WILL BE SUBJECT TO IN THIS POSITION:**

List the environmental/working conditions to which the employee may be exposed while performing the essential functions of the job. Include scheduling considerations such as on-call for emergencies, rotating shift, etc. **Approximate Percentage of time performing field work:** 0%

**CHECK ALL THAT APPLY:**

<input checked="" type="checkbox"/>	<b>None:</b> The worker is not substantially exposed to adverse environmental conditions (such as typical office or administrative work).
<input type="checkbox"/>	<b>The worker is subject to inside environmental conditions:</b> Protection from weather conditions but not necessarily from temperature changes (i.e. warehouses, covered loading docks, garages, etc.)
<input type="checkbox"/>	<b>The worker is subject to outside environmental conditions:</b> No effective protection from weather.
<input type="checkbox"/>	<b>The worker is subject to extreme cold:</b> Temperatures below 32 degrees for period of more than one hour.
<input type="checkbox"/>	<b>The worker is subject to extreme heat:</b> Temperatures above 100 degrees for periods of more than one hour.
<input type="checkbox"/>	<b>The worker is subject to noise:</b> There is sufficient noise to cause the worker to shout in order to be heard above the surrounding noise level.
<input type="checkbox"/>	<b>The worker is subject to vibration:</b> Exposure to oscillating movements of the extremities or whole body.
<input type="checkbox"/>	<b>The worker is subject to hazards:</b> Includes a variety of physical conditions, such as proximity to moving mechanical parts, electrical current, working on scaffolding and high places or exposure to chemicals.
<input type="checkbox"/>	<b>The worker is subject to atmospheric conditions:</b> One or more of the following conditions that affect the respiratory system or the skin: Fumes, odors, dust, mists, gases or poor ventilation.
<input type="checkbox"/>	<b>The worker is subject to oil:</b> There is air and/or skin exposure to oils and other cutting fluids.
<input type="checkbox"/>	<b>The worker is required to wear a respirator.</b>

**K. MACHINE, TOOLS, EQUIPMENT, ELECTRONIC DEVICES, SOFTWARE, ETC. USED BY POSITION:**

List equipment needed to successfully perform the essential functions of the job. Reasonable accommodations may be made to enable qualified individuals with disabilities to perform the essential functions.)

**CHECK ALL THAT APPLY:**

<input type="checkbox"/>	Camera and photographic equipment	<input checked="" type="checkbox"/>	Office Equipment (desk, chair, telephone, etc.)						
<input type="checkbox"/>	Cleaning supplies	<input checked="" type="checkbox"/>	Office supplies (pens, staplers, pencils, etc.)						
<input type="checkbox"/>	Commercial vehicle	<input type="checkbox"/>	Packing materials (boxes, shrink wrap, etc.)						
<input type="checkbox"/>	Data processing equipment	<input checked="" type="checkbox"/>	PC equipment (monitor, keyboard, printer, etc.)						
<input type="checkbox"/>	Handcart	<input checked="" type="checkbox"/>	PC software						
<input type="checkbox"/>	Hand tools (please list):								
<input checked="" type="checkbox"/>	Office Machines (check all that apply):	<input checked="" type="checkbox"/>	Copier	<input checked="" type="checkbox"/>	Facsimile	<input checked="" type="checkbox"/>	Calculator	<input type="checkbox"/>	Cash register
<input type="checkbox"/>	Other (please list):								

**L. SUPPLEMENTARY INFORMATION:** (Indicate any other information which further explains the importance, difficulty, or uniqueness of the position, such as its scope of responsibility related to finances, equipment, people, information, etc. Also indicate success factors such as a personal characteristics that contribute to an individual's ability to perform well in the job, and any other special considerations.)

Subject to flexible and extended hours to meet project deadlines. Periodic travel may be required for the purpose of off-site software installation or meetings.

The incumbent is expected to monitor his/her department phone and check department email during regularly-scheduled off hours.

**M. I believe that the statements made above in describing this job are complete and accurate.**

\_\_\_\_\_  
Signature of Department Head or Designated Representative

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