

# City of Rehoboth Beach, Delaware

## Job Description

<b>Classification Title</b>	Network Engineer
<b>Job Code</b>	7001
<b>FLSA Status</b>	Non-exempt
<b>Pay Grade</b>	112

### GENERAL POSITION SUMMARY

Responsible for designing, developing, implementing, and maintaining complex computer systems, servers, and networks. Plays a crucial role in the smooth operation of our systems by conducting performance analysis, troubleshooting issues, and implementing appropriate solutions. Collaborates with multiple departments and provides technical support to end-users. Regularly researches and develops innovative technology solutions to support City initiatives.

### ESSENTIAL DUTIES & RESPONSIBILITIES

*The intent of this job description is to provide a representative summary of the major duties and responsibilities performed by incumbents of this job. Employees may be requested to perform job-related tasks other than those specifically presented in this description.*

- Design, develop, implement, and maintain computer systems and network infrastructure.
- Conduct system performance analysis, identify bottlenecks, and propose solutions to optimize performance.
- Troubleshoot system issues and implement appropriate resolutions in a timely manner.
- Manage and maintain security measures to protect computer systems and data from unauthorized access or breaches.
- Provide technical support and guidance to end-users, including troubleshooting hardware and software issues.
- Monitor system performance and conduct regular upgrades to ensure optimal functionality.
- Monitors wireless connections at various locations throughout the city.
- Maintains a phone system, door fob and badge systems.
- Research and develop technological solutions for the city.
- Performs related work as required.

### MINIMUM ENTRANCE QUALIFICATIONS

#### Education and Experience

- A bachelor's degree from an accredited college or university in Informational Technology, Computer Science or a related field

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- At least five (5) to seven (7) years of related work experience
- Any equivalent combination of training, education, and experience that provides the required skills, knowledge and abilities

### Licenses or Certifications

- Possession of a standard driver license

### PREFERRED CERTIFICATIONS

- Professional certifications such as CCNA, MCSE, or CISSP.
- Experience with cloud computing platforms such as AWS, Azure, or Google Cloud.
- Knowledge of virtualization technologies such as VMware or Hyper-V.
- Experience with scripting languages such as Python, PowerShell, or Bash.

### COMPETENCIES FOR SUCCESSFUL PERFORMANCE OF JOB DUTIES

#### Knowledge of:

- Emerging technologies and industry best practices.
- Windows Operating systems
- Data backup and recovery systems
- City software packages and computer software applications

#### Skill in:

- Strong analytical skills to conduct system performance analysis Troubleshooting and problem solving.
- Excellent troubleshooting skills to resolve system issues efficiently. Customer service.
- Excellent communication skills to collaborate effectively.
- Organization to manage and maintain multiple systems simultaneously.
- Time management to prioritize tasks effectively and meet deadlines.

#### Ability to:

- Manage and maintain security measures to protect computer systems and data.
- Monitor system performance and conduct regular upgrades.
- Effectively resolve technical issues for city staff.

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- Adapt to changing requirements and technologies in a fast-paced environment.

#### **WORK ENVIRONMENT/CONDITIONS**

*The work environment and exposures described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodation may be made to enable individuals with disabilities to perform the essential functions.*

<b>Work Environment</b>	<b>Seldom or Never</b>	<b>Sometimes or Occasionally</b>	<b>Frequently or Often</b>
Office or similar indoor environment			X
Outdoor environment		X	
Street environment (near moving traffic)		X	
Construction site	X		
Clinical health care environment	X		
In the community (homes, businesses, etc.)	X		
Warehouse environment		X	
Shop environment	X		
Detention center or correctional facility	X		
<b>Exposures</b>	<b>Seldom or Never</b>	<b>Sometimes or Occasionally</b>	<b>Frequently or Often</b>
Individuals who are rude or irate	X		
Individuals with known violent backgrounds	X		
Communicable diseases		X	
Bodily fluids (blood, urine, etc.)		X	
Infectious waste		X	
Extreme cold ( <i>below 32 degrees</i> )		X	
Extreme heat ( <i>above 100 degrees</i> )	X		
Moving mechanical parts		X	
Risk of electrical shock		X	
Vibration	X		
Fumes or airborne particles		X	
Toxic or caustic chemicals, substances waste		X	

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**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. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.*

The position involves *medium physical demands*, such as exerting up to 50 lbs. of force occasionally, and/or up to 20 lbs. of force frequently, and/or up to 10 lbs. of force constantly to move objects.

<b>Date created:</b>	9/16/2018
<b>Dates revised</b>	4/10/2024