



# Careers in the Information Technology DIVISION

## Getting IT done right!

The Information Technology Division is customer service-driven with an objective to contribute to TPWD's technological advancement while aligned with the agency mission. IT enhances customer experiences through digital services that provide reliable and secure technology solutions.



The IT Division collaborates with stakeholders to improve technology solutions and create innovative custom applications to support wildlife research and outdoor recreation. The IT Division works to keep the agency's office and network systems in touch, up to date, and outfitted with the latest technology throughout the state. This is accomplished using dependable and secure infrastructure, and continued integration of new innovative technologies to keep up with the dynamic and fast-paced environment.

### Custom-built Applications

- Toyota ShareLunker
- My Texas Hunt and Fish
- Aerial Wildlife Management Permits
- TPWD Fleet Management System
- Agency Permitting System
- Texas Wildlife Information Management Services
- Boat/Motor Online Transactions

All job vacancies are listed online at [tpwd.texas.gov/jobs](https://tpwd.texas.gov/jobs)

Applications are accepted only for current vacancies.



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# IT GROUPS AND JOB REQUIREMENTS

## Cyber Security

Addresses cyber threats directed at the agency. Maintains the availability, integrity and confidentiality of the agency's data and systems in compliance with legislative requirements mandated by the state.

### Job requirements may include:

- Monitor and protect TPWD network and systems from cyber threats.
- Implement and maintain security policies, standards, and best practices.
- Respond to and investigate security incidents and breaches.
- Provide security awareness training and guidance to staff and stakeholders.

## Strategy and Business Development

Includes IT oversight, governance for technology initiatives and project delivery. Strategizes and collaborates with program areas throughout the agency for technology initiatives and oversight efforts. Manages the development and support of custom applications.

### Job requirements may include:

- Liaison between business program areas and IT.

- Facilitate collaboration, monitor, and report for IT oversight and governance.
- Help to strategize with IT initiatives.
- Project management.

## Technical Services and GIS

Provides a solid foundation for digital services, server, and database support. Provides services for spatial information with GIS technology, workflows, and applications.

### Job requirements may include:

- Administer GIS platforms where content managed by various TPWD divisions are available for the public to analyze, visualize, and reference.
- Design and implement new technology services that benefit agency staff and customers.

## Procurement

Performs advanced purchasing and contracting tasks and provides purchasing and contracting recommendations in compliance with division, agency, and state authorities.

### Job requirements may include:

- Plan, organize, coordinate, and prepare specifications and statements of work.

- Review and approve purchases, policies, procedures, and reports.
- Provide consultative services and technical assistance on technology procurements.

## Network Operations

Ensures the smooth functioning of the statewide telecommunications network by providing a range of services, including data, telephony, and wireless infrastructure, as well as network security. Provides customers with a secure, reliable, and efficient network experience.

### Job requirements may include:

- Support daily telecommunications operations.
- Design and implement new telecommunication services.
- Monitor network security and performance.

## Help Desk and Desktop Support

Provides customer support for all TPWD staff across the state, dedicated technical support for the State Parks Business System, and provides support for all agency computer and mobile device needs.

### Job requirements may include:

- Perform moderately complex technical support work while providing excellent customer service.

- Support all agency standard systems and applications as well as new and emerging technologies.
- Manage all TPWD's endpoints using Mobile Endpoint Manager (MEM).

## Application Development

Analyzes, designs, implements, and maintains applications in close association with IT Governance, Strategy and Business Development, IT Operations, and several program areas throughout the agency. The team has staff and skills in web, mobile and database development, systems analysis, and quality assurance.

### Job requirements may include:

- Perform routine to moderately complex computer programming work that involves analyzing system specifications to develop software for computer applications.
- Develop, maintain, and monitor mobile and web applications.
- Design and program database and integrate with applications.
- Perform automated and manual quality controls on deliverables.



# OPPORTUNITIES IN INFORMATION TECHNOLOGY

Cyber Security Analyst

Network Specialist

Database Administrator

Web & Mobile Programmer

Systems Administrator

Project Manager

Help Desk Support

Manager

Purchaser

Systems Analyst

Geographic Information Specialist

Mobile Device Support

Desktop Support