

Information Technology Programmer Analyst

Description

Individuals working as Information Technology Programmer Analysts (ITPA) will assist state agencies in a variety of analytical and programming assignments that provide for the development, enhancement and maintenance of automated data, voice or video application programs, application systems and operating systems software within mainframe, network and client server environments.

As IT professionals, individuals use their knowledge to write, compile, and modify application programs for computerized systems and keys into program code.

The many facets of the information technology business afford this position the opportunity to work on a specific area of interest and expertise. ITPAs are found in many areas of the department including:

- Infrastructure engineering
- Data Center Operations
- Network management
- Security
- Server support
- Applications development
- IT storage
- Technical database administrator
- Technical directory support
- Technical messaging support
- Network analysis
- Network architecture
- Network engineering
- Systems analysis and design
- Web administration
- Web app developer
- Geographic information architecture
- Desktop architecture
- Mainframe technical support
- Database administration

Qualifications

To qualify for an ITPA, you must possess a bachelor's degree with 21 semester (32 term) hours in computer science, data processing, computer information systems, data communications, networking, systems analysis, computer programming, or mathematics.

Alternate Education and Experience -

Possession of an associate's degree with 16 semester (24 term) credits in computer science, data processing, computer information systems, data communications, networking, systems analysis, computer programming, mathematics or equivalent; and two years of experience as an application programmer, computer operator, or information technology technician may be substituted for the education requirement.

Educational level typically acquired through completion of high school and three years of experience as an application programmer, computer operator, or information technology technician may be substituted for the education requirement.