

VERMONT JUDICIAL BRANCH

SYSTEMS DEVELOPER III

Court: Research & Information

Supervisor: Chief Information Officer

Job Code: 05810J

Exempt/Non-exempt: Non-exempt

Pay Grade: 26

Union Eligible: Yes

PURPOSE:

Professional programming, data base administration and systems analysis work.

ESSENTIAL JOB FUNCTIONS:

- Analysis of user requirements, procedures and problems associated with automating of processing, data analysis and reporting or to improve existing computer system is required.
- Class incumbents are technical experts in their field.
- Supervision of subordinate System Developers may be required.
- Analyzes user needs and prioritizes request for new or enhanced computer applications.
- Designs capacity plans based on user request and current resources.
- Plans for disaster recovery security implementation and performance management.
- Coordinates resources, schedules, network and communications for application development projects.
- Creates proposals to provide step-by-step process for implementing a new or revised service and initiates project including staff assignments and acquisition of materials
- Researches, evaluates and recommends database management systems, software, compilers and utilities.
- Develops detailed specifications (functional, system and program) using tested methods
- Conducts research to keep current on all technologies and methods useful to operations management and for system development.

OTHER DUTIES AND RESPONSIBILITIES:

- Performs related duties as required.

The above statements provide the general nature and level of work performed by employees of this classification. It is not intended to be an exhaustive list of all the responsibilities, duties and skills required of this classification. Actual assigned duties may differ due to the varying needs of the Judiciary.

MINIMUM QUALIFICATIONS, JOB SKILLS AND ABILITIES:

(Required to perform the essential functions of the job.)

Bachelor's degree in computer science.

Two years' experience in programming, data base administration or systems analysis;

OR

Associate's degree in computer science or college-level course work that includes 15 computer science credits.

Four years' experience in programming, data base administration, or systems analysis;

OR

Six years' experience in programming, data base administration or systems analysis.

- Considerable knowledge of appropriate generation computer programming languages and techniques.
- Strong analytical skills, particularly as involved work units, sequence of operations, and necessary outcomes.
- Ability to prepare system designs, work flow plans, report format and input output documents adequate to meet user needs.
- Ability to perform software and data base design and to construct specifications for programmers and data base administrators.
- Ability to convert user specifications into a successful data processing application.
- Ability to communicate effectively, both orally and in writing.
- Ability to evaluate system performance.
Ability to evaluate and estimate system development costs.
- Ability to establish and maintain effective working relationships.
- Ability to work under pressure from deadlines.
- Ability to complete project assignments properly and in a timely manner.