

**KERN COUNTY SUPERINTENDENT OF SCHOOLS
APPROVED JULY 2007
RANGE: 56.0
TECHNICAL/SPECIALIST SERVICES SERIES
CLASSIFIED – OVERTIME EXEMPT
CODE: 2,6,8**

**CSIS PROGRAMMER
(California School Information Services)**

DEFINITION

Under general supervision, plan and execute application programming and analysis tasks supporting the operation and use of systems supporting the California School Information Services (CSIS) program staff, local education agencies and the California Department of Education.

The CSIS Programmer is responsible to the CSIS Information Systems Director.

Usual duties include developing client side data capture, presentation and data manipulation needs within the CSIS architecture and building of system components necessary to the development, implementation and operation of systems in a client-server, multi-tier architecture.

EXAMPLES OF DUTIES

Perform analysis, software code development;

develop and maintain database update and retrieval modules based upon Structured Query Language (SQL);

deploy and maintain computer code and procedures;

provide timely and accurate reporting of CSIS technical issues to the CSIS Information Systems Architect, and as directed to key stakeholders and other entities;

serve as a cooperative and contributing member of the CSIS Program Office team;

and, complete other duties as assigned.

QUALIFICATIONS

Knowledge of:

Knowledge of the use of application development products and tool sets;

client/server, multi-tier applications development;

graphical user interface (GUI) concepts and practices;

application development environment tools;

capabilities, capacities and limitations of application servers, databases and or computer hardware and software systems;

principles, practices of computer systems development methodologies, and client support issues and concepts.

Ability to:

Ability to effectively work on concurrent tasks and with multiple entities;

work within formal organizational structures as well as with flexible teams;

build and manage constructive inter-personal relationships;
and, exhibit excellent written and verbal communication skills.

Experience:

A minimum of two years experience using .NET, and/or T-SQL along with J2EE Java in designing, developing, and implementing systems relying upon Internet protocols is required.

Desirable experience includes programming using JavaScript and HTML; experience with Microsoft SQL Server; software development for large scale, enterprise database and data warehouse applications; work on client-server and/or server based applications; and work in local area and wide area network (LAN/WAN) environments.

Experience with Microsoft SQL Server is desirable.

Education:

Education requires graduation from an accredited two-year college or university with a major in computer science, information technologies, or a related field.

Work experience resulting in an equivalent knowledge base may be substituted for the major requirement.

Condition of employment:

Must maintain proof of privately owned automobile insurance and possess a valid California Motor Vehicle operator's license.

Fingerprint clearance by both the Federal Bureau of Investigation and the California Department of Justice is a condition of appointment after all other required job conditions have been met.

This position is overtime exempt and has a probationary period of one year.

ST:rw
7/20/07
F:\CSISProgrammer
(We also have a CSIS Programmer/Analyst)