

KERN COUNTY SUPERINTENDENT OF SCHOOLS
REVISED/APPROVED AUGUST 2021
RANGE: 58.5
CLASSIFIED OVERTIME EXEMPT
CODE: 2, 3, 6

CSIS TESTING ANALYST
(California School Information Services)

DEFINITION

Under general supervision, the CSIS Testing Analyst will plan and execute testing and configuration maintenance tasks necessary to meet deadlines and ensure quality standards for software maintained and operated by CSIS.

The CSIS Testing Analyst engages in continuous learning and contributes to team efficiency and improvement.

EXAMPLES OF DUTIES

Plan, organize, coordinate, create, maintain, and ensure traceability of testing-related artifacts, such as test plans, test cases, test data, user stories, bugs, and tasks;

create and maintain behavior driven automated tests to validate the more complex functional, technical, regression, performance, security, usability, and accessibility requirements;

plan, coordinate, set up and maintain local and cloud-based test environments and develop maintainable and scalable automated testing frameworks;

mentor and coordinate CSIS staff and staffs of other agencies, as directed, on quality assurance activities;

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

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

complete other duties as assigned.

QUALIFICATIONS

Knowledge of:

Knowledge and understanding of K-12 student-based information systems helpful;

possess excellent organizational, written and verbal communication skills;

thorough knowledge of tools to manage software development and to conduct software testing;

knowledge of advanced principles, practices and enterprise systems development methodologies;

knowledge of best practices in software quality assurance, testing, and configuration management.

Ability to:

Proven ability to effectively work on concurrent tasks and with multiple entities;

ability to work with formal organizational structures as well as with flexible teams;

build and manage constructive interpersonal relationships;

stay abreast of current technologies and software testing methodologies;

excellent written and verbal communication skills.

Experience:

Minimum of three (3) years of combined experience in systems configuration management, software quality assurance and testing for enterprise level software built on recent technologies/models, such as .NET Core, Angular, JavaScript.

Demonstrated skill in creating and managing continuous integration, continuous deployment release pipelines.

Experience in using and testing against cloud infrastructure services, debugging, and troubleshooting tools.

Demonstrated skill in automated tests in one or more of the recent automated web-based testing frameworks, such as Selenium, and using technologies, such as C#, .NET, Python, HTML5, CSS3, JavaScript, PowerShell, SQL, API and maintaining a test library using source control systems such as Git.

Experience in validating and verifying software usability requirements and accessibility standards, such as WCAG 2.1.

Education:

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.

Conditions of employment:

Some positions may require proof of privately owned automobile insurance and possession of a valid California Motor Vehicle operator's license which must be maintained for the duration of the assignment.

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.

Must present verification of completion of Child Abuse Mandated Reporter training or obtain verification within six (6) weeks of hire and annually thereafter, as required by the California Child Abuse and Neglect Reporting Act.

This position is overtime exempt and has a probationary period of six months.

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8/9/2021

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