Job Summary:
The job of Senior Programmer Analyst was established for the purpose/s of leading a programming team(s) in developing complex computer applications using a variety of hardware and software tools to automate specific processes at Tulare County Office of Education (TCOE). This position reports to the position(s) of Application Manager and/or Director of Information Systems (IS) with the work assignment being in any required department/division within TCOE. The duties may include facilitating the development, installation and/or implementation of various software applications including web-based, personal computer-based, mobile-based and/or third party as a team lead, or as an individual. Incumbents may be responsible for more than one application system on an individual basis and/or as a team lead during development, implementation and/or maintenance.

Essential Functions:
▸ Coordinates software application development, implementation and production environments for the purpose of meeting TCOE staff needs.
▸ Leads/Develops/Maintains software projects including web-based applications, windows-based applications, integration applications and services for the purpose of facilitating TCOE operations.
▸ Provides support on in-house software packages for the purpose of training/educating TCOE staff.
▸ Works under the direction of the Application Manager(s) as part of a team for the purpose of ensuring a common, consistent, extensible programming platform for development and maintenance.
▸ Works with other Information Systems and/or TCOE staff for the purpose of developing software requirements, designing and testing documentation for TCOE applications.
▸ Writes/Maintains system and infrastructure documentation as needed for the purpose of facilitating TCOE functionality.
▸ Leads programming teams in software application development, implementation and production environments for the purpose of meeting TCOE staff needs.
▸ Leads/Develops/Maintains software projects including web-based applications, windows-based applications, integration applications and services for the purpose of facilitating TCOE operations.
▸ Leads support on in-house software packages for the purpose of training/educating TCOE staff.
▸ Works with other Information Systems and/or TCOE staff for the purpose of developing software requirements, designing and testing documentation for TCOE applications.
▸ Writes/Maintains system and infrastructure documentation as needed for the purpose of facilitating TCOE functionality.
▸ Works under the direction of the Application Manager(s) and/or Director of Information Systems as a programming team lead for the purpose of ensuring a common, consistent, extensible programming platform for development and maintenance.

Skills, Knowledge and/or Abilities Required:
▸ **Skills to:**
  • design and develop n-tier software applications utilizing current platforms;
  • organize materials;
  • utilize computers effectively;
  • utilize computer software programs effectively;
  • read and understand complex documentation;
▸ **Knowledge of:**
  • current development and language technologies;
  • intermediate level networking concepts;
  • leadership in a team environment;
  • object oriented programming languages;
  • software development design methodologies, trends and patterns;
  • industry standard SQL design, programming and implementation;
  • complex n-tier application development;
  • content management system experience is desirable;
  • mobile platform experience is desirable;
  • intermediate level servers;
▸ **Ability to:**
  • lead programming team(s);
  • design and develop n-tier software applications utilizing platforms such as .Net, C# and other current technologies;
  • administer, design and develop database technologies using industry standard SQL techniques;
  • instruct in the usage of current technologies;
  • communicate orally and in writing.

Responsibilities include: working independently under broad organizational guidelines to achieve unit objectives; leading, guiding, and/or coordinating others; and operating within a defined budget. Utilization of significant resources from other work units is routinely required to perform the job's functions. There is a continual opportunity to significantly impact the Organization's services. The usual and customary methods of performing the job's functions require the following physical demands: some lifting, carrying, pushing, and/or pulling; and significant fine finger dexterity. Generally the job requires 75% sitting, 10% walking, and 15% standing. This job is performed in a generally clean and healthy environment. Job related experience within specialized field with increasing levels of responsibility is required.

Education Required:
▸ High school diploma.
▸ Bachelors degree in job-related area.
▸ Two years of verifiable experience as a programmer can be substituted for each year of formal education.

Experience Required:
▸ Eight years of experience as a programmer in application design, implementation and support.

Certificates, Licenses, Clearances, Testing and/or Bonding Required:
▸ Valid California driver's license and proof of automobile insurance.
▸ Department of Justice and FBI Fingerprint Response.

FLSA Status: Exempt   June 2013