

Senior Emerging Technology Specialist

Position Details

Class Code: 1573

Job Family: Information Systems

Classification: Support Professional

Terms of Employment: [Pay Grade 62 on the Support Professional Salary Schedule](#)

FLSA STATUS: NON-EXEMPT

Position Summary

Under general supervision, analyzes, evaluates, installs, implements, integrates, maintains, operates, supports, and troubleshoots complex emerging educational technologies such as AI, Robotics, Drones, etc. within learning environments, requiring advanced technical skills and knowledge of implementation and modern programming languages. Additionally, this role will manage small-scale projects related to the adoption of these technologies and provide Tier 2 technical support, resolving escalated issues and mentoring Tier 1 technicians.

Essential Duties and Responsibilities

The list of Essential Duties and Responsibilities is not exhaustive and may be supplemented.

1. Proactively researches and evaluates cutting-edge educational technologies with a focus on their potential impact on learning, including leading small-scale pilot projects to assess their effectiveness.
2. Conducts rigorous research and analysis to assess the suitability and impact of emerging technologies on specific learning objectives and student needs, contributing to the development of project plans and evaluation methodologies.
3. Manages and facilitates pilot programs, collaborating with educators, instructional stakeholders, and administrators to develop strategies for integrating emerging technologies into learning environments.

4. Collaborates with educators, instructional stakeholders, and administrators to develop strategies for integrating emerging technologies into learning environments.
 5. Facilitates the pilot implementation of new technologies, providing technical support and troubleshooting guidance.
 6. Develops and manages training programs for staff and students, delivered by licensed professionals, on the effective use of new technologies, including ongoing support and troubleshooting guidance.
 7. Develops and maintains documentation and best practices for using emerging technologies in the classroom.
 8. Collects and analyzes data on the impact of emerging technologies on student learning, engagement, equity, and business productivity, providing insights for project improvement and strategic decision-making.
 9. Prepares reports and presentations to communicate findings and advocate for the effective use of emerging technologies to stakeholders.
 10. Partners with external organizations and subject matter experts to stay informed about industry best practices and trends in educational technology.
 11. Maintains a strong understanding of relevant hardware, software, and infrastructure requirements for implementing emerging technologies, collaborating with IT staff to ensure network and security protocols are met.
 12. Collaborates with IT staff to ensure network and security protocols are met.
 13. Provides Tier 2 technical support to educators and students using emerging technologies, resolving escalated issues, and mentoring Tier 1 technicians.
 14. Supports audio, visual, and streaming media experiences for public audiences, troubleshooting technical issues and maintaining equipment for optimal performance.
 15. Conducts workshops and training sessions for educators on the use of emerging technologies.
 16. Conforms to safety standards, as prescribed.
 17. Performs other tasks related to the position, as assigned.
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Distinguishing Characteristics

Researches novel education technologies, integration into existing ecosystems, and analyzes its impact to empower educators and learners.

Knowledge, Skills, and Abilities (Position Expectations)

1. Knowledge of current and emerging educational technologies, including their

- potential applications, limitations, and impact on learning.
2. Knowledge of the integration of hardware and software within complex learning environments, including network infrastructure and security protocols.
 3. Knowledge of advanced troubleshooting skills specific to educational technology implementation, encompassing both hardware and software issues, and the ability to manage and support pilot projects.
 4. Knowledge of modern programming languages and their use in modern content creation.
 5. Knowledge of data analysis and interpretation, including the ability to draw insights from pilot program data and apply them to project improvement and strategic decision-making.
 6. Knowledge of ethical considerations, accessibility, and data privacy associated with emerging technologies.
 7. Ability to diagnose and resolve complex educational technology issues, providing tier 2 technical support to educators and students.
 8. Ability to effectively explain complex technological concepts to diverse audiences, including educators, students, and administrators.
 9. Ability to develop and deliver engaging training sessions on educational technologies.
 10. Ability to continuously learn and stay current with evolving educational technology trends.
 11. Ability to critically analyze the potential impact of emerging technologies on education, including their impact on student learning, engagement, equity, and business productivity.
 12. Ability to create, edit, and maintain technical documentation.
 13. Ability to make technical presentations.
 14. Ability to work flexible hours and shifts.
 15. Ability to work cooperatively with employees, vendors, and the public.
 16. Ability to exercise judgment within established procedural guidelines.
 17. Ability to recognize and report hazards and apply safe work methods.
 18. Possess physical and mental stamina commensurate with the responsibilities of the position.
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Position Requirements

Education, Training, and Experience

1. High school graduation or other equivalent (General Educational Development [GED], foreign equivalency, etc.).
2. Eight (8) years' work experience in progressively-detailed IT support; or, Associate's degree (or two [2] years of college) in an IT-related field, such as

Management Information Systems (MIS), Computer Science, Information Services, etc., plus, six (6) years' work experience in progressively-detailed IT support; or, Bachelor's degree in an IT-related field, plus four (4) years' work experience in progressively-detailed technical support.

Licenses and Certifications

1. A valid driver's license that allows the applicant/employee to legally operate a motor vehicle in Nevada. License must be maintained for the duration of assignment.
2. Current driving history (dated within six [6] months from the date printed) issued by the Department of Motor Vehicles (DMV) at time of application or Qualified Selection Pool (QSP) placement and at time of interview prior to final selection.
3. Safe driving record. Safe driving record must be maintained for the duration of the assignment.

Preferred Qualifications

1. Experience in Artificial Intelligence, Robotics design and development.
2. Experience leading large/complex client computing projects and/or supervising teams performing related work.

Document(s) Required at Time of Application

1. High school transcript or other equivalent (GED, foreign equivalency, etc.).
2. College transcript(s) from an accredited college or university, if applicable.
3. Copy of a valid driver's license that allows the applicant/employee to legally operate a motor vehicle in Nevada.
4. Copy of current driving history (dated within six [6] months from the date printed) issued by the DMV.
5. Safe driving record.
6. Specific documented evidence of training and experience to satisfy qualifications.

Examples of Assigned Work Areas

Clark County School District (CCSD) Technology and Information Systems Services (TISS) Division, air- conditioned/non-air-conditioned school equipment rooms, and travel to/from schools and other CCSD office settings.

Work Environment

Strength

Sedentary/medium – exert force of 20-50 lbs., occasionally; 10-25 lbs., frequently; up to 10 lbs., constantly.

Physical Demand

Frequent sitting, standing, walking, pushing, pulling, stooping, kneeling, crouching, reaching, handling, and repetitive fine motor activities. Hearing and speech to communicate in person, via video conference and computers, or over the telephone. Mobility to work in a typical office setting and use standard office equipment. Stamina to remain seated and maintain concentration for an extended period of time. Vision frequent near acuity, occasional far acuity, and color vision. Vision to read printed and online materials, Video Display Terminal screens, or other monitoring devices.

Environmental Conditions

Climate-controlled office settings with temperatures ranging from mild to moderate cold/heat. Exposure to noise levels ranging from moderate to loud for occasional to frequent time periods.

Hazards

Furniture, office equipment, communicable diseases, chemicals and fumes (as related to specific assignment), and power/hand-operated equipment and machinery (as related to specific assignment). Field work may involve access to Alternating Current (AC) and Direct Current (DC) electrical circuits, sharp edges, ladders, and cramped spaces.

Examples of Equipment/Supplies Used to Perform Tasks

3D printers, educational robots, virtual reality content creation tools, learning management systems, educational software platforms, data analysis software, VR controllers, visual display devices, microphones, webcams, software testing tools, performance monitoring tools, data loggers, safety glasses, hearing protection, ESD wrist straps, and gloves.

AA/EOE Statement

The Clark County School District is proud to be an equal opportunity employer. The Clark County School District is committed to providing all applicants and employees equal employment opportunities without regard to race, color, religion, sex, gender identity or expression, sexual orientation, national origin, genetics, disability, age, military status, or other characteristics protected by applicable law. Here at Clark County School District, we are a diverse group of people who honor the differences that drive innovative solutions to

meet the needs of our students and employees. We believe that through a culture of inclusivity, we have the power to reflect the community we serve.

Job Revision Information

- Created: 03/05/25