Hernando County School Board Florida

DISTRICT TECHNOLOGY NETWORK SECURITY ANALYST

Required Qualifications:
- Associate's degree from an accredited institution in a technology field and three (3) years of progressively responsible experience in information technology security/networking related field. In lieu of the degree requirement, a high school diploma and seven (7) years of progressively responsible experience in information technology security/networking related field.
- Valid Florida driver's license.

Desired Qualifications:
- A+, Net + and/or Security + and/or other Security Certifications
- Bachelor's degree in a technology field from an accredited college or technical school

Performance Responsibilities:
- Work with network access control (NAC) systems, firewalls, routers, incident response techniques, intrusion prevention systems, information security methodologies, authentication protocols and different attack types.
- Oversee and maintain measures to identify system security vulnerabilities and create remediation techniques, including penetration testing and the development of exploits.
- Experience with security engineering, system and network security, authentication and security protocols, cryptography, and application security.
- Conduct regular security audits, risk analysis, vulnerability testing and security reviews and install computer security software.
- Maintain knowledge of current operating systems for Windows, wide area networks, network and wireless security, network routing protocols and voice over Internet Protocol (IP) Technology.
- Experience in selection, installation, training and troubleshooting of networking, hardware, and software.
- Monitor computer networks for security threats or unauthorized users.
- Identify compromised machines and report on security measures taken to address threats.
- Develop and test software deployment tools, firewalls, and intrusion detection systems.
- Research, evaluate, recommend, and implement security devices and procedures.
- Create security documentation for users, assist in disaster recovery and gather evidence regarding cyber-crimes.
- Categorize all types of threats such as internal, external, intentional, and unintentional threats and work to stop them.
- Examine, evaluate, and deploy security technology, products, and integrated systems for safeguarding, supervising, assessing, and exploring the security of the IT assets.
- Establish security configuration baselines and standards.
- Prepare network security and fraud reports by collecting, analyzing, and summarizing data and trends.
- Develop and interpret security policies and procedures.

- Develop and deliver training materials and perform general security awareness and specific security technology training.
- Evaluate and recommend new and emerging security products and technologies
- Maintain and update the District's Incident Response Plan.
- Participate in incident handling and response.
- Plan network security and fraud management systems by evaluating prevention, deterrent, detection, alert, profiling, and neural technologies; identifying risks, weaknesses, and suspicious activities; developing safeguard policies, procedures, and controls.
- Assist the Network Coordinator with the development and implementation of ongoing network specifications, modifications and maintenance plans related to technology.
- Assist in the design, installation, management, and documentation of infrastructure including switches, routers, firewalls, intrusion detection/prevention systems as well as wiring and physical infrastructure.
- Administrate and manage various network hardware and software district-wide.
- Assist in the management, upgrades and maintenance of end-user software and hardware.
- Attend technical workshops and meetings as required.
- Provide support to assigned DTSS technicians via e-mail, telephone, and in person.
- Review open tickets for each assigned DTSS technician, provide prioritization and remotely resolve issues where needed.
- Provide input to Network Coordinator on annual evaluations of DTSS technicians.
- Sustain focus and attention to detail.
- Perform other duties as assigned by the Director of Technology and/or Network Coordinator and/or designee.

Physical Demands:
Exerting up to 50 pounds of force occasionally and/or up to 20 pounds of force frequently, and/or up to 10 pounds of force regularly or as needed to move objects

Reports to:
Reports directly to the Network Coordinator and/or designee

Evaluation:
Annual evaluation done by the Network Coordinator and/or designee

Terms of Employment:
12-month employment

Salary:
Salary based upon approved salary schedule - Professional/Technical/Supervisory Category D

Job Code:
82010

Board Approved: 03/08/22,06/11/24
Revised: 06/14/22, 05/14/24,06/11/24,11/19/24