SCADA/Utility Systems Analyst

$54,830 or higher DOQ. Position is eligible for Full-Time County Benefits.

The James City Service Authority seeks an individual to perform responsible work managing and performing system development for a midsized public water and sewer utility. Position is considered the responsible person for the Utility's automated systems, including Supervisory Control and Data Acquisition (SCADA) systems, Programmable Logic Controllers (PLCs), Computerized Maintenance Management System (CMMS) and all IT hardware and software assets.

Responsibilities:
- Design automation programs, plans system integration, implements and manages the JCSA's Operations and Maintenance Management systems, SCADA and computer network operations including virtual servers; perform initial programming; set up user accounts and passwords; set up iPhones, tablets, laptops, MIFIs and other devices for the mobile workforce; develop and implement policies and procedures related to database and systems performance; responsible for establishing priorities and assign work to staff.
- Assist JCSA staff in determining, defining and fulfilling data processing needs; manage design and improvement of technical processes; collect and analyze information and prepare reports for use by JCSA management, such as workload performance indicator reports, effectiveness and efficiency measures, cost accounting data and trend analysis of maintenance systems; collect information to track cost management for JCSA equipment and material usage.
- Perform all aspects of database and network administration including user interface, capacity planning, maintenance, security and access control, restoration and back up supervision, and quality assurance of records in the database; interface with users to collect and maintain information on the needs and activities of the JCSA computer systems; provide statistical summaries for subsequent modifications and/or restructuring of the databases and systems.
- Perform SCADA system administration, to include maintaining Human Machine Interfaces (HMIs) and Programmable Logic Controllers (PLCs); responsible for keeping the systems operational and communicating 24 hours a day.
- Responsible for network, database, and virtual server administration and maintenance; monitor all systems for proper operation.
- Evaluate the utility's automation needs and determine solutions; interact with consultants and vendors; manage software purchasing and licensing; specify, order, setup, replace, repair, computer servers, PCs, printers; specify, order and install computer software.
- Perform backups and restoration of computer files; perform computer security functions including installation of security patches; troubleshoot end user hardware, software and connectivity issues; create custom reports and programs to extract database information.
- Train end users on how to use various software applications and hardware as needed.

Requirements:
- Any combination of education and experience equivalent to a Bachelor's degree in information systems, computer science or a closely related field; extensive (generally 7-10 years) responsible experience in information technology.
- Experience performing system integration, problem solving and analytical work.
- Vendor supplied training for maintaining HMIs, PLCs and CMMS preferred.
- VMware vSphere certification preferred.
- Must possess, or be able to obtain within 30 days of hire, a valid Virginia driver's license and have an acceptable driving record based on James City County's criteria.
- Knowledge of databases and experience maintaining industrial control systems.

Accepting applications until 11:59pm EST on 05/29/2019. Only online applications to our website will be considered. To apply, please visit the James City County Career Center at https://jobs.jamescitycountyva.gov