

## VETERANS EMPLOYMENT OPPORTUNITY ACT

Hiring for this position is governed by the Veterans Employment Opportunity Act of 1998 ("VEOA"), as made applicable by the Congressional Accountability Act of 1995 ("CAA"). Pursuant to the VEOA, qualified applicants who are not current employees of the Office of the Senate Sergeant at Arms and who are disabled or who have served on active duty in the Armed Forces during certain specified time periods or in certain military designated campaigns ("veterans") may be eligible to receive a preference over non-veterans in hiring decisions. Family members of veterans may also be eligible to receive a veterans' preference if the veteran cannot claim his or her veterans' preference.

To be eligible for a veterans' preference, applicants must meet all of the requirements set forth in the VEOA and applicable regulations. Those eligibility requirements are summarized in the Application for Veterans' Preference, which is available at [www.senate.gov/saaemployment](http://www.senate.gov/saaemployment).

If claiming a veterans' preference, an applicant must indicate that he/she is preference eligible on the application or resume and must submit a completed copy of the Application for Veterans' Preference along with the supporting documentation specified on that form. If the Office of the Senate Sergeant at Arms does not receive the Application for Veterans' Preference and supporting documentation by the closing date, the applicant's claim for a veterans' preference may be denied.

Applicants may obtain a copy of the Office's Veterans' Preference In Appointments policy by submitting a written request to [resumes@saa.senate.gov](mailto:resumes@saa.senate.gov).

Individuals who are entitled to a veterans' preference are invited to self-identify voluntarily. This information is intended solely for use in connection with the obligations and efforts of the Office of the Senate Sergeant at Arms to provide veterans' preference to preference-eligible applicants in accordance with the VEOA. An applicant's status as a disabled veteran and any information regarding an applicant's disability, including the applicant's medical condition and history, will be kept confidential and will be collected, maintained and used in accordance with the Americans with Disabilities Act of 1990, as made applicable by section 102(a)(3) of the CAA, 2 U.S.C. §1302(a)(3). An applicant who declines to self-identify as a disabled veteran and/or to provide information and documentation regarding his/her disabled veteran's status will not be subjected to an adverse employment action, but the individual may be ruled ineligible for a veterans' preference.



## SENIOR SYSTEMS ENGINEER

### NATURE OF WORK

This is senior-level professional work implementing, maintaining and supporting information technology services and systems. Work involves acting as a technical liaison for special consultations and projects and actively participating on joint task force assignments with other sections of the SAA. Work in this classification is distinguished from the Systems Engineer by its level of system expertise, lead assignments, and development and implementation of Senate-wide systems. Work is performed under the general direction of a Manager.

### EXAMPLES OF WORK

*(This list is not absolute or restrictive, but indicates approximate duties and responsibilities which may be redefined pursuant to operational needs.)*

- Provides senior-level technical support for Senate information technology services, systems, hardware, software and storage solutions to the users; supports Senate offices, contract support vendors and other technical staff with troubleshooting and managing the various Senate environments.
- Maintains, monitors and troubleshoots LAN/WAN and SAN operations; solves complex LAN/WAN and SAN applications problems; installs, integrates, customizes, enhances, troubleshoots and tests LAN and SAN hardware and software; designs and tests network configurations; develops software applications.
- Installs, upgrades, customizes, tunes and maintains databases for optimal performance and availability; assures integrity of databases through restricting access and implementing security procedures.
- Develops, tests and implements database store procedures, functions, triggers, views and packages.
- Designs, deploys, implements, configures, administers and maintains the Virtual Machine Infrastructure (VMI) Environment; provides project management for the consolidation and migration of systems into the VMI environment.
- Manages current storage capacity and ensures storage is available to support all computing environments; plans for future storage growth; monitors and confirms that system files and application products are successfully backed-up; performs necessary installations, patches, and upgrades.
- Installs, customizes, tests, configures and maintains operating systems and software platforms; monitors, evaluates and resolves hardware/software configuration system performance problems; installs, customizes and monitors servers and network administration software; investigates and resolves problems of mainframe, server or LAN or SAN system outages and inefficiencies; performs back-up and recovery on all software; installs, customizes and maintains third party software on z/OS and open operating systems.



- Designs, supports and administers the Senate's Internet website architecture; researches, evaluates, installs, customizes, maintains, troubleshoots and monitors hardware, software, operating systems, applications, and third party services; assists users with technical issues/problems relating to the Senate Internet and intranet services and web development; supports internal and external websites; documents the Senate.gov architecture
- Analyzes, designs, develops, implements, and maintains specialized applications to meet the needs of Senate users; coordinates and conducts product evaluations, product implementation and standardization.
- Analyzes new hardware and software releases for their impact on the Senate environment; tests new releases on Senate supported platforms; develops product configuration standards for use in the Senate environment.
- Prepares technical documentation of configurations, processes, procedures and products/systems.
- Provides technical support and training to users.
- Creates, develops, modifies, instructs and provides technical assistance on business continuity plans and processes.

#### PHYSICAL DEMANDS AND WORKING ENVIRONMENT

Work requires sitting and operating a computer for extended periods, with occasional standing, climbing, pulling and safely lifting up to 50 pounds. May occasionally work evenings or weekends to resolve problems or handle incidents.

#### MINIMUM QUALIFICATIONS

Work requires a Bachelor's Degree in computer science, information technology or a related technical area and five to eight years of system, network, application design, development and maintenance, support and storage experience; or any equivalent combination of education and experience that provides the following knowledge, abilities and skills:

- Knowledge of information technology software, hardware and network communication technology and protocols.
- Knowledge of programming principles and scripting.
- Knowledge of the latest generation of computer languages in a distributed or client server environment.
- Knowledge of networking operating systems software internals and UNIX, Windows-based operating systems and networking.
- Knowledge of systems analysis, and technological requirements of applications integrations.



- Knowledge of VSAM file structures.
- Knowledge of Storage Area Networks.
- Knowledge of database backup and recovery procedures.
- Knowledge of relational database structure, design and administration.
- Ability to lead assignments.
- Ability to monitor, optimize and tune the database environment for maximum security and performance.
- Ability to forecast and plan for future growth in the hardware and software that support the database environment.
- Ability to analyze, evaluate, troubleshoot and resolve complex system hardware, software, networking and/or storage related problems.
- Ability to plan and conduct hardware, software and network testing and evaluation that leads to a supportable, production ready solution.
- Ability to communicate effectively.

---

#### LICENSES, CERTIFICATION AND OTHER REQUIREMENTS

A security clearance may be required.

Professional certification(s) may be required.

### **Senior Systems Engineer (SCCM 2012)**

This position's primary focus is working closely with the Principal System Engineer assisting with software update, application, and operating system deployments via Microsoft SCCM 2012/SMS. The position requires the candidate to assist in scripting and packaging of software deployments for client computers. The candidate will assist in the process of developing, installing, configuring, testing, maintaining, monitoring, and troubleshooting software application deployment methods. OSD experience a plus. Candidate must a minimum of two years of experience with software deployment in a networked environment using SMS 2003/SCCM 2007 & 2012.