

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.

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.

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 QUALITY ASSURANCE ANALYST

NATURE OF WORK

This is senior professional and technical work focusing on quality assurance (QA) processes and procedures used during the design, development and implementation of systems supporting the Senate. Work includes detailed analysis and documentation of system development and testing procedures, requirements and system functionality. Work in this classification is distinguished from the Quality Assurance Analyst by its level of expertise, lead assignments, and QA testing and configuration management 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.)

- Performs QA testing activities to ensure the applications, products and releases are in compliance with requirements and QA standards of the organization.
- Analyzes business requirements and design documents for completeness and testability.
- Designs, develops and implements test plans, test scenarios, test cases, test data and test scripts for applications.
- Executes test cases, test scripts; captures test results and test metrics; reports test results and test metrics.
- Identifies and tracks system defects; performs root cause analysis of the defects; works with the development team to resolve defects.
- Performs and coordinates system verification and validation test activities.
- Designs, develops and implements procedures for software QA testing and configuration management.
- Coordinates with users and developers to identify QA standards and requirements for test result validation.
- Prepares and maintains analysis and documentation; provides documentation for configuration, installation and verification requirements for systems.
- Provides installation and technical support to users, support vendors and other technical staff.

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 25 pounds. May occasionally work evenings or weekends to resolve problems or handle incidents, or provide applications/systems support.

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The statements contained herein reflect general details necessary to describe the principal functions of this class, knowledge and skill typically required and the physical demands and working conditions, but should not be considered an all-inclusive listing of work requirements.



MINIMUM QUALIFICATIONS

Work requires a Bachelor's degree in Information Technology or a related field, and five to eight years of experience in developing software applications or focusing on QA activities or testing; or any equivalent combination of education and experience that provides the following knowledge, abilities and skills:

- Knowledge of programming languages, data structures, utilities and software packages for software development.
- Knowledge of structured and object oriented engineering analyses, programming techniques and design methodologies.
- Knowledge of Quality Assurance best practices and methodologies.
- Knowledge of diagramming, flow charting and detailed analysis and program documentation.
- Ability to lead a team or critical systems developing/support assignment.
- Ability to prepare and check structured and object-oriented programs.
- Ability to resolve program and system problems.
- Ability to communicate effectively.

LICENSES, CERTIFICATION AND OTHER REQUIREMENTS

None.

The U.S. Senate Sergeant at Arms is looking to fill a software Senior Quality Assurance Analyst position. The successful candidate will work in an Agile environment to help improve the performance and reliability of existing and new applications. Working with the Agile team, s/he will create, execute and track manual and automated tests for applications developed by software engineering and user experience staff. In addition, the ideal candidate for the position must be a strong individual performer who can integrate into a highly collaborative environment.

Responsibilities:

- Collaborate with Agile development teams to ensure the quality of new and existing custom applications, supporting multiple efforts concurrently.
- Work effectively with clients, peers and management in a highly visible, mission-critical environment.
- Plan and develop manual and automated test scripts for web based applications using products such as Selenium.
- Translate functional and technical requirements into testable use cases.
- Perform functional, regression, integration and performance testing of applications.
- Track defects using a tracking system or source control product such as GitHub.
- Test across multiple web browsers, including multiple versions of IE, Firefox, Chrome and Safari.
- Test across multiple platforms including desktops, tablets, and phones.
- Prepare technical documentation.
- Communicate effectively both orally and in writing.
- Desired: Ensure accessibility as described in Section 508 of the Workforce Rehabilitation Act using Chromevox (or similar - desired), WAVE and Jaws.

Qualifications:

Work requires a Bachelor's Degree in computer Science or a related technical area and 3+ years of quality assurance testing, or any equivalent combination of education and experience that provides the following knowledge, abilities and skills:

- 5 to 8 years' experience performing software quality assurance preparing technical testing scenarios and documentation for web applications, at least 2 years in an Agile (e.g., Scrum, Kanban) environment.
- 1 to 2 years' experience with Test Driven Development and Continuous Integration.
- 1 to 2 years' experience writing JavaScript and or other scripting languages.
- 1 to 2 years' experience creating scripts for and using automated functional and front-end testing tools such as Selenium.
- Testing Python/Django based application experience.
- Experience using emulators to simulate tablets and phones (desired).