



Software System Safety Engineer

Technology Service Corporation (TSC), an Engineering Services Provider with concentration providing Radar & Sensor technology, Algorithm & Software development, Modeling & Simulation, Test & Evaluation, Element-Level and AEGIS Certification, Systems and System Safety Engineering services to the U.S. Government and industry, is searching for a **Software System Safety Engineer** to work in Dahlgren, VA.

Responsibilities

Specific responsibilities include, but are not limited to, the following:

- Perform tasks focused on the development of system safety analysis
- Perform tasks focused on software safety analysis
- Perform tasks focused on software safety testing
- Perform tasks focused on risk assessment
- Perform tasks focused on software safety requirements and safety analysis by identifying, documenting, and tracking resolutions of software safety anomalies
- Peer review analysis of code written in programming languages, such as C++ and C Sharp
- Coordinating, developing, and executing of comprehensive technical data packages, Safety Assessment Reports, and System Requirement Hazard Analysis
- Development and coordination of presentations; to support the Weapon System Explosives Safety Review Board and the Software Systems Safety Technical Review Panel

Required Skills & Qualifications

- Bachelors of Science (BS) degree from an accredited college or university in an engineering, scientific, or technical discipline.
- Five (5) years of professional experience in software engineering applied to program development, modeling, and simulation.
- Two (2) years of qualified experience as a System Safety Engineer in performing tasks focused on the development of system safety analysis, software safety analysis, software safety testing, risk assessment, software safety requirements and safety analysis by identifying, documenting, and tracking resolutions of software safety anomalies.
- Experience in peer review analysis of code written in programming languages, such as C++ and C Sharp.
- Experience in coordinating, developing, and executing of comprehensive technical data packages, Safety Assessment Reports, and System Requirement Hazard Analysis.
- Experience in the development and coordination of presentations; to support the Weapon System Explosives Safety Review Board and the Software Systems Safety Technical Review Panel

Security Clearance:

- Must be a US Citizen
- Selected applicant will be subject to a government security investigation and must meet eligibility requirements associated with access to classified information
- A Secret clearance is required immediately.

TSC offers a professional working environment, competitive salary, and an excellent benefits package including paid personal leave and holidays, salary deferrals into a 401(k) matching plan, tuition reimbursement, a short/long term disability plan, and medical, dental, and vision insurance for qualified positions.

To apply for this position, qualified applicants should forward cover letter, resume and salary requirements to employment.dl@tsc.com with System Safety Engineer in the subject line. Only those candidates invited for an interview will be contacted. Employment is contingent upon the qualifying applicant undergoing a comprehensive background check. Submittals without salary requirements may not be reviewed.

TSC is committed to hiring and retaining a diverse workforce. We are an Equal Opportunity Employer, making decisions without regard to race, color, gender, religion, age, sexual orientation, national or ethnic origin, disability, marital status or veteran status. TSC promotes affirmative action for minorities, women, disabled persons, and veterans.