



## **PRINCIPAL SOFTWARE ENGINEER**

Our work program is focused on the design of defense sensor, weapon and command and control systems and platforms that meet life cycle affordability objectives. Identifying system operating and support costs as early as possible in the life-cycle of a system is critical for producing affordable, feasible design configurations to support user requirements. Our **LifeCycle-ONE™** decision support tool links design decisions to system operating and support costs to achieve performance and affordability objectives. This tool allows the Program Manager to examine alternatives to system design early in the acquisition timeline, resulting in smarter, more affordable design choices.

Technology Service Corporation is seeking a well-qualified **PRINCIPAL SOFTWARE ENGINEER** to work at our Crystal City, Arlington VA office with our Program Manager and our clients to optimize our **LifeCycle One** modeling tool and provide the best design solution for meeting our clients' performance and total ownership cost goals.

### **The Opportunity: Principal Software Engineer (PSE)**

#### **Tasking**

- Designs, develops, implements, and maintains complex to very complex software systems.
- Has a high degree of expertise in:
  - requirement analysis,
  - program and system design, and software programming techniques,
  - data/access/retrieval coding and
  - solving challenge technical problems.
- Possesses knowledge of defense systems engineering and/or cost analysis beyond just the specific technology assignment.
- Mentors technical staff in software engineering principles and methods.
- Satisfies requirements, meets agreed to completion date, and performs unit and integration tests for products developed.
- Prepares detailed requirements and test case documentation with minimal, if any, input needed from the Project Manager/Team Leader.

#### **Qualifications**

- **US Citizenship is required**
- Relevant Bachelor's Degree or equivalent and
  - 8 years of experience in the Software Engineering field is required, or
- Relevant Master's Degree and
  - four (4) years of experience in the Software Engineering field is required, or
- Relevant PhD and
  - Two (2) years of experience in the Software Engineering field is required.
- Excellent written and oral communication skills.
- Must have - or be eligible for - a Department of Defense SECRET security clearance

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 ***HumanResouces@tsc.com***. Place ***PSE VA*** in the subject line; or FAX 301.565-0673

Only those candidates invited for an interview will be contacted. Employment is contingent upon the qualifying applicant undergoing a comprehensive background check.

TSC is committed to hiring and retaining a diverse workforce. We are an Equal Opportunity Employer, making decisions without regard to race, color, gender, gender identity, 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.