

**Salient Corporation  
POSITION DESCRIPTION**

<b>Position:</b> Computer Software Engineer I	
<b>Department:</b> Core Engineering	<b>Reports to:</b> Computer Software Team Leader
<b>Job Classification:</b> Exempt	

**PURPOSE:** An entry-level member of the team that advances Core Engineering applications and technology.

**PRIMARY DUTIES & RESPONSIBILITIES:**

<ul style="list-style-type: none"> <li>• Write, test, and maintain 'C++' /'C' applications based on provided design documents</li> </ul>
<ul style="list-style-type: none"> <li>• Conceive, design, and test logical structures for solving problems by computer</li> </ul>
<ul style="list-style-type: none"> <li>• Maintain, modify and/or enhance existing applications</li> </ul>
<ul style="list-style-type: none"> <li>• Follow the established standard operating procedures, including source code management and documentation</li> </ul>
<ul style="list-style-type: none"> <li>• Participate in multi-person development projects</li> </ul>

<b>Complexity of Work &amp; Decision-Making:</b> Moderate to high complexity; moderate decision making
<b>Measures of Performance:</b> Code reviews, timely deliverables and level of product knowledge.

**QUALIFICATIONS:** To perform this position successfully an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill and/or ability required.

<b>Education:</b> B.S. in Computer Science/Mathematics; prefer M.S.
<b>Experience:</b> If B.S., 0-2 years experience 'C++' / 'C'
<b>Required Skills or Knowledge:</b> Strong knowledge of 'C++' / 'C', MFC optional
<b>Functional/Technical Competencies:</b> Microsoft OS's, Visual Studio and other development tools
<b>Language Skills:</b> Proficient in verbal and written English communication
<b>Mathematical Skills:</b> Ability to add, subtract, multiply and divide in all units of measure, using whole numbers, common fractions and decimals. Basic knowledge of statistics, geometry and algebra
<b>Reasoning Ability:</b> Ability to define problems, follow directions, collect data, establish facts and draw valid conclusions