

Salient Corporation
POSITION DESCRIPTION

Position: Computer Software Engineer II	
Department: Core Engineering	Reports to: Computer Software Team Leader
Job Classification: Exempt	

PURPOSE: A mid-level member of the team that advances Core Engineering applications and technology.

PRIMARY DUTIES & RESPONSIBILITIES:

• Analyze requirements, research technical solutions and document design concepts
• Write, test, and maintain 'C++' / 'C' applications based on provided design documents
• Conceive, design, and test logical structures for solving problems by computer
• Maintain, modify and/or enhance existing applications
• Follow the established standard operating procedures, including source code management and documentation
• Participate in multi-person development projects

Complexity of Work & Decision-Making: Moderate to high complexity; moderate decision making
Measures of Performance: 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.

Education: BS in Computer Science/Mathematics; prefer MS
Experience: 3-5 yrs; If MS, 0-2 Yrs, in 'C++' / 'C'
Required Skills or Knowledge: Strong knowledge of 'C++' / 'C', MFC optional
Functional/Technical Competencies: Microsoft OS's, Visual Studio and other development tools
Language Skills: Proficient in verbal and written English communication
Mathematical Skills: 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
Reasoning Ability: Ability to define problems, follow directions, collect data, establish facts and draw valid conclusions