

Defense Research Associates, Inc. "DRA"
(Defense Contractor R&D)

Excellent Benefits Package:
Employer pays 85% Anthem,
Superior Dental, & Guardian Life Insurance.
Tuition Assistance
Simple IRA

Required Skills:

- ✓ B.S. in Computer Engineering, Electrical Engineering, Computer Science or Mathematics
- ✓ A minimum of 7 to 10 years experience in software development with C and/or C++ languages and associated software development tools
- ✓ Application programming experience-Image Processing
- ✓ Familiarity with real-time development, multi-threaded applications and thread synchronization
- ✓ Familiarity with the Linux operating system
- ✓ Familiarity with deriving requirements and requirements traceability tools (DOORS, Rational Rose, Requisite Pro)
- ✓ Familiarity with developing engineering documentation throughout the program lifecycle
- ✓ Team oriented attitude
- ✓ Good verbal and written communication skills
- ✓ Candidates must have ability to obtain a U.S. Security Clearance

Desirable Skills:

- Experience in software design and UML design notation
- Experience with SQL databases
- Experience with Image Processing
- Experience with DO-178 certification
- Experience with application programming for hosting on real-time operating system (RTOS)
- Experience with business development involving DoD and commercial customers

Description

The candidate will be responsible for working with software engineers and systems engineers in support of all aspects of the system/software development lifecycle. This includes generating plans, specifications, requirements, and designs as well as writing source code and test cases, debugging, integrating, and testing software. Existing DRA software implements real-time system prototypes and traditional GUI applications that are used to implement airborne electro-optical "sense and avoid" systems, visible missile warning systems, and custom application support tools. Real-time prototypes include custom airborne systems and data collection systems used in a flight test environment. Application support tools include software to perform data reduction, data analysis, video processing, and custom image processing.

For information please contact:

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