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## Software Engineer

### General Description:

MDA Information Systems, Inc. supports monitoring of the planet for security, natural resource and land management purposes through the provision of satellite earth observation systems. These systems collect, process, and store image data of the Earth's surface. MDA has a number of projects with opportunities for talented Software/Systems Engineers with 1-5 years of experience to participate in the development of these systems.

As a Software Engineer you will have responsibility for analysis, design, development and support of complex software systems. You will learn and follow MDA's highly refined methodology for software and system engineering and be able to work with and learn from some of the world's most talented engineers. Come join our team and play a critical role in designing, delivering and supporting complex, mission-critical systems.

### Responsibilities:

- Design, develop and test software components
- Diagnose problems in complex software systems, and design and implement resolutions
- Participate in the integration and test for the project
- Work with vendors and customers in support of project development tasks
- Execute project tasks following MDA software and system engineering methodology

### Required Qualifications:

- Bachelor's degree or higher in Computer Science or Electrical Engineering, or the equivalent
- One to five years experience in software requirements analysis, design and development
- Excellent working knowledge of software design and development, especially C++, Java, Web
- Knowledge of software engineering and development methodologies
- Initiative and resourcefulness, along with ability to work within a team
- Excellent verbal and written communication skills
- Ability to obtain a US security clearance

### Helpful Experience:

- Experience with large, mission-critical systems
- Experience in the Earth Observation domain