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# Example of Software Engineer, Level Job Description

Our company is looking to fill the role of software engineer, level. If you are looking for an exciting place to work, please take a look at the list of qualifications below.

## Responsibilities for software engineer, level

* The selected individual will develop and maintain systems engineering tools for requirements analysis of the Ballistic Missile Defense System (BMDS)
* The individual will support the systems engineering process for the Missile Defense Agency (MDA) as a member of the System Concepts and Requirement (SC&R) product team within the National Team System Engineering organization
* Individual will use model based systems engineering (MBSE) methodologies and tools to support development of system engineering products for MDA
* The individual will support development of reports and briefings to be reviewed within the National Team for release to the MDA Customer
* Individual will support and participate in technical meetings with MDA counterparts
* Individual will work in small teams comprised of 4-8 multi-discipline engineers
* Maintain the day to day operations for firewall related issues
* The successful candidate assists with the documentation and maintenance of architectures, requirements, algorithms, interfaces and designs for software systems
* Employee will be responsible for handling tickets pertaining to issues documenting their work and what was fixed
* Write beginner to intermediate SQL queries to consume in the application

## Qualifications for software engineer, level

* Twenty (20) years of experience as a SWE in programs and contracts of similar scope, type, and complexity is required
* Expertise with general purpose programming languages such as Java, C/C++, C#, Python, JavaScript
* Pursuing BS or MS degree in a computer or system science discipline from an accredited college or university
* Programming experience with C/C++ and knowledge of embedded systems
* Ability to gain access to NASA facilities is required
* Bachelors degree in Computer Science, Software Engineering and/or Computer Engineering