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# Example of MTS Software Engineer Job Description

Our company is growing rapidly and is searching for experienced candidates for the position of MTS software engineer. If you are looking for an exciting place to work, please take a look at the list of qualifications below.

## Responsibilities for MTS software engineer

* Drive Resolution of Customer, Quality and Certification issues
* Design & Develop windows applications using C++ , QT/QML and InstallShield
* Improve functionality, stability and performance of existing models
* Work closely with architecture teams to understand and model new designs
* Develop test plans and tests for functional models
* Work with internal and externals customer to help debug problems running their workloads on Simulator Environment
* Develop novel algorithms for continues improvements, operational efficiencies
* Analyze Giga/Tera bytes of logs and create observation/opportunities and avenues of improvements in the system
* Identify and apply machine learning solutions at various areas of Integration, whitebox, blockbox testing of device drivers
* Monitor for alerts and root cause the live/off-line aspects for any abnormalities in the system

## Qualifications for MTS software engineer

* PhD, Masters or under graduates in Computer Science or related technical discipline with 8+ years of work experience building large scale Java applications
* Very strong foundational knowledge of Knowledge in Object-Oriented Design Principles, Data Structures, Algorithms, DBMS/SQL, Operating Systems, and Software Engineering
* Working knowledge of web technologies (such as HTTP, HTML/DOM, JavaScript, CSS, AJAX) is beneficial
* Interest in data mining, NLP, machine learning, data analytics and in grid computing/large scale clusters a plus
* Participation in any Open source project is a big plus
* Deep understanding of OAuth2 various Authentication schemes (SAML, OpenID)