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# Example of Hardware Developer Job Description

Our company is looking for a hardware developer. If you are looking for an exciting place to work, please take a look at the list of qualifications below.

## Responsibilities for hardware developer

* Determine and validate mechanical design requirements for components and their functions within system environment
* Manage and guide detailed design activities
* Participate in formal cross-functional design reviews
* Active participation in thermal design activities and potential engineering design/modeling work
* Drive design optimizations and collaborate with all stake holders on design for manufacturing enhancements
* Create design bills of materials and ultimately release it into manufacturing
* Oversee the build and validation of prototypes
* Perform root cause and corrective action analysis as required
* Support Operation Engineering and External Manufacturers (EMs) with manufacturing activities
* Practical knowledge of Altium software

## Qualifications for hardware developer

* Possibility of doing Bachelor-/Master thesis
* Student of SW Development/Telematics/Informatics or similar
* Knowledge in hardware design (Eagle or Altium)
* Autonomous and structured way of working
* Good knowledge with radio design software for necessary simulations, such as ADS
* Skilled with radio test related instruments, such as signal generator, signal spectrum analyzer, network analyzer