



Embedded Firmware Engineer

Job Summary

Participate in the specification, design, implementation and validation of embedded firmware modules for our system on chip development.

Location

Barcelona

Primary duties and responsibilities

The candidate would be responsible for the specification and development of firmware modules. As such, he/she should be able to read and fully understand the high level requirements, infer a firmware specification, design and implement it, and test that its behaviour is as expected.

The candidate may also participate in the firmware integration phase, focusing in the global testing of the firmware and ensuring its real time performance.

Qualifications and Experience

The following skills and experiences are required.

- Experience with real time embedded systems
- Proven experience with C and assembler
- Good understanding of RTOS and preemptive schedulers
- Programming and user experience in linux
- Work effectively across groups of diverse disciplines
- Ability to communicate effectively

The following skills are an asset:

- Knowledge/experience in MAC/QoS protocols
- Knowledge/experience in low level networking protocols
- Knowledge of one or several scripting languages (bash, perl, python)
- Experience in implementation of standards and third party specifications

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