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# Example of Embedded Software Development Job Description

Our innovative and growing company is searching for experienced candidates for the position of embedded software development. We appreciate you taking the time to review the list of qualifications and to apply for the position. If you don’t fill all of the qualifications, you may still be considered depending on your level of experience.

## Responsibilities for embedded software development

* Contribution to Modeling and Simulation of electrical, optical, and mechanical properties of sensor systems
* Definition of measurement infrastructure and application testing
* Electrical / optical characterization
* Issue product documentation, specification and application notes
* Interact with product management, project management and development teams to develop requirements for designing of software modules
* Creating and maintaining software development schedule
* Lead software development team responsible for embedded Android o/s to achieve business goals through collaboration, effective communication and successful execution (on time, on spec and on budget)
* Collaborate with internal stakeholders to develop and execute the long-term vision and strategic direction of the software development team
* Translate chipset OEM Android BSP’s into a fully featured and rugged Enterprise class product
* Define and coordinate hardware and software strategies and dependencies ensuring execution alignment

## Qualifications for embedded software development

* Bachelor’s degree in Computer Engineering, Electrical Engineering, Computer Science
* 5+ yrs of C and C++ with Object oriented and Service Oriented concepts
* 5+ yrs of development in embedded space with Firmware preferably TI chipset
* 3+ yrs of Knowledge of CANopen, Serial RS232, I2C protocols
* Experienced with organizing automated unit testing and scripting
* Knowledge of Embedded solutions with motor controls and algorithms to manage and control pump