

# Oferta de empleo

## Position as Electronic Engineer

Code: JOB-2013-004

We are looking for a responsible, organized and methodical person for Electronic Engineering in the field of FPGA and microcontroller based motor control electronics and communication buses. Candidate's main tasks are related to design, verify, program and document our robotics platform's control boards.

### Primary duties:

- Schematic design of electronics
- PCB design of motor control and communication boards
- Circuit simulation, test and validation
- Firmware development in C and VHDL
- Documentation
- Maintenance of existing firmware

### Mandatory Requirements

- BSc or MSc degree in Electronic Engineering
- Good knowledge of Xilinx FPGA platforms
- Good knowledge of TI and Freescale microcontrollers
- Knowledge of CAN, Ethernet and EtherCat buses
- Knowledge of a PCB design CAD program
- Minimum of 5 years of experience in the tasks described
- High level in English

### Personal Requirements

- Involved, responsible and dynamic professional. High capacity for teamwork and high problem resolution capabilities.
- Ability to work autonomously.
- With initiative and willingness to work in a young and dynamic environment
- Willingness to travel occasionally

### Job conditions

- The team is located in Barcelona, Spain.
- 1 year contract, renewable
- The salary will be evaluated according to the relevant experience of the candidate.

### Contact details

If you're interested, please submit your resume to [recruit@pal-robotics.com](mailto:recruit@pal-robotics.com). Please specify the job code and job name in the email subject filed.

