

SENIOR OR MID-SENIOR ELECTRONIC ENGINEER

We are looking for an Electronic Engineer to setup our electronics department and support all our programs including the newly e-scooter S1-X created for the Electric Scooter Championship. The person will join our R&D department in Parma and will report to the Technical Director. He will be in charge for the overall electronic system (HW / SW) and its integration.

The candidate will be responsible for the following activities:

- Setting up our electronic department (facility and resources based on project need)
- Leading the electronic department team (at the start junior electronics engineer / intern)
- Complete vehicle electronic systems design and integration (low and high voltage)
- Suppliers scouting and sourcing
- Testing and validation (debug)
- Race support
- Electronic system documentation and production support

Requirements:

- Degree in Electronic Engineering or equivalent;
- Fluent English
- Vehicle electronic systems design experience (ideally incl. High Voltage system design experience / Electrical and hybrid vehicle systems experience)
- Knowledge of standard CAD for electrical design;
- Schematic and wire harness design and build experience
- Good Knowledge of Matlab/Simulink;
- Good usage level of lab standard instrumentation (Oscilloscope , multimeter, Signal Generator, Logic State Analyzers, Spectrum Analyzer, etc) for debug activity;
- Good usage of rapid prototyping tools: dSpace, MotoHawk, Raptor, OpenECU
- Good knowledge of communication protocols: CAN, LIN, Wireless 802.11, ethernet, etc
- Knowledge of EMC problems, signal integrity, and guidance rules;
- Basic knowledge of Firmware development for embedded system and real time operating systems;
- 5-7 years of previous experience in a similar role is a must.

We are looking for a person who shows problem-solving attitude. The ideal candidate demonstrates a proactive and flexible approach and a high capacity of synthesis for all the technical issues. Time and priority management and willingness to travel are important skills too.