

# Embedded Hardware Design Engineer

OCEANSCAN-MST is a portuguese private company whose mission comprehends the design, development, and commercialization of innovative robotic solutions for ocean observation and exploration. Take your time to check our web page at [www.oceanscan-mst.com](http://www.oceanscan-mst.com)

The company's main product is the LAUV, a small size Autonomous Underwater Vehicle developed in cooperation with Porto University and manufactured and commercialized by OCEANSCAN-MST.

Prepare and send your CV today to [info@oceanscan-mst.com](mailto:info@oceanscan-mst.com). We would appreciate receiving some lines (preferable in english) about your relevant work experiences.

## What do we need

- Develop a new PCB version of the current wavy drifters units;
- Develop maintenance and testing procedures for electronic components and equipment;
- Evaluate systems and recommend design modifications or equipment repair;
- Evaluate electronic equipment, instruments, and systems to make sure they meet safety standards and applicable regulations;
- Plan and develop modifications to improve technical performance of the wavy drifters;

## Required skills

- Solid experience in hardware design;
- Solid experience in microcontroller programming (STM, ARM, AVR);
- Good knowledge of robotics or embedded systems;
- Good knowledge of digital and analog components, communication protocols and power systems;
- Good written and spoken English;

## What we have to offer

- Opportunity to work in a challenging environment with state of the art systems for ocean applications;
- Competitive salary and continuously enhanced in accordance to the achieved results;
- Opportunity to work within [MELOA H2020 R&D project](#);
- Integration on a dynamic, young, highly skilled team with an excellent working environment;