

# Mechanical Design Engineer

OceanScan-MST is a portuguese private company which 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.

## What we need

- Design and implementation of mechanical solutions for the integration of features in our systems according to technical specifications and requirements;
- Analyze customer requirements and determine system specifications, capacity, and cost to develop a system;
- 3D CAD and 2D drawings of parts to be manufactured and design of the process for putting them together;
- Interaction between engineering departments for successful design implementation;
- Review instructions and designs for the project to ensure the test specifications and procedures are followed and objectives are met;
- Evaluate compliance of the parts received from suppliers;
- Set up and conduct tests of complete units and parts as they should actually be used;
- Record test procedures and results, analyze numerical and graphical data;
- Support and train customers in system operation and maintenance;

## Required skills

- Advanced skills using 3D CAD software;
- 2D technical drawing skills;
- Good knowledge of spoken and written English;

## Highly valued skills and experience

- Experience in the development of solutions for maritime applications (or similar);
- Experience in FEA calculation;
- Experience in hydrodynamic/aerodynamic optimization;
- Experience in the mechanical design of solutions for commercial, industrial, military, or scientific applications;
- Good communication skills;

## What we have to offer

- Opportunity to work in a challenging environment on state of the art innovative systems;
- Opportunity to work in several national and international R&D projects;
- Continuous career progression on a solid and fast growing industry;
- Integration on a young, dynamic and highly skilled team in an excellent working environment;

Prepare your CV today and don't forget to add a small description of previous projects where you were involved. We hope to receive your proposal soon via email to [info@oceanscan-mst.com](mailto:info@oceanscan-mst.com)