

R&D Mechanical Engineer

Position: R&D Mechanical Engineer
Qualification: Degree in Mechanical Engineering or similar
Location: Remote

About XOCEAN

XOCEAN is an ocean data company – we collect data for clients ranging from mapping the seabed to monitoring the environment. However, we do this differently, instead of using conventional crewed survey ships, we have developed a marine robotic system known as an Uncrewed Surface Vessel (USV).

Overview

Design and development of XOCEAN's current and future Uncrewed Surface Vessel.

Main Duties & Responsibilities

Responsibilities will include:

- Engineering the addition of new systems and features to the XOCEAN USV platform.
- Integration with 3rd party systems and vehicles.
- Play a key role in the design of future vessels.
- Lead the ongoing development of performance improvements.
- Ensure the compliance of design changes with the relevant regulatory requirements.
- Support the creation and execution of project plans for development, engineering, and testing.
- Work within the parameters of agreed budgets and schedules.
- Develop innovative solutions to multi-faceted design challenges.
- Develop deep understanding of XOCEAN technology, work practices and operations and develop pro-active measures to maximise fleet reliability and productivity.
- Support the development of the XOCEAN patent portfolio.

Requirements: Essential Skills / Attributes and Experience

- 5+ years relevant industrial experience.
- Relevant research and development experience.
- BEng in Mechanical Engineering or similar qualifications.
- Ability to seek innovative solutions.
- Strong analytical and problem-solving skills.
- Strong attention to detail.
- Practical approach to work with an emphasis on simplicity of design and operation.
- Excellent interpersonal, communication, presentational and team working skills.

Desirable Experience

- Marine Experience, either professional or hobby

Apply

- Applicants must demonstrate how they meet the essential criteria. Desirable criteria may be used for further shortlisting.
- We thank all candidates for their interest, however due to very high volumes, only those who are selected for further consideration, will be contacted directly.
- Candidates must have a valid working visa / permit to work in the country in which they are based or for Ireland.
- Closing date for applications is 26th November 2021.

- Please apply online and follow the instructions, or submit your CV to careers@xocean.com