

Software Engineer

Position: Software Engineer
Qualification: BEng in Software Engineering or Similar
Location: M1 Corridor, Greenore, Co. Louth (combined with remote working)

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

Develop, test, and implement new features in both onboard and cloud hosted systems.

Main Duties & Responsibilities

Responsibilities will include:

- Analysis of potential developments to the USV system, including through analysis of USV operational data.
- Production of high-quality code, reports, test plans, manuals, and Standard Operating Procedures (SOPs).
- Develop and implement new features in the vessel command and control system – to include integration of new devices and capabilities in both the on-board and cloud hosted systems, as well as machine learning and advanced autonomy features.
- Assist in troubleshooting of the XOCEAN command and control system, as necessary.
- Management/Revision Control of software versions – oversight of update rollouts.

Requirements: Essential Skills / Attributes and Experience

- BEng in Software Engineering or Similar.
- 5 years' experience in a similar position.
- Experience working on systems with a number of interfaces and languages.
- Programming experience (Python and Database) essential.
- Experience with Ignition from Inductive Automation highly desirable.
- Experience with Cloud Platforms (e.g Azure, AWS).
- Ability to analyse data and seek innovative solutions.
- Practical approach to work with an emphasis on simplicity of design and operation.
- Enthusiastic, positive, and proactive nature with a keen attention to detail.
- Excellent interpersonal, communication, presentational and team working skills.

Desirable Experience

- Marine experience (e.g. sailing)
- PLC Programming experience (platform agnostic).

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.
- To be eligible for this position you must have a valid working visa / permit to work in Ireland.
- Closing date for applications is 15th December 2020
- Please apply online and follow the instructions, or submit your CV to careers@xocean.com.