

Software Developer

OCEANSCAN-MST (www.oceanscan-mst.com) is a portuguese private company whose mission comprehends the design, development, and commercialization of innovative robotic solutions for ocean observation and exploration.

As part of the **WAVY-NOS** EEA Grants project, OCEANSCAN-MST is developing floating devices that obtain data from the ocean while drifting freely. Data is obtained from sensors such as hydrophones (WAVY-Listener), echo-sounders (WAVY-Echo) and video cameras (WAVY-Imager) to help characterize coastal ecosystems and detect features of interest in the water. Although this data can be uploaded to the Internet over LTE, onboard interpretation and classification of this data is important to save on communications and reduce detection latency.

What skills are we looking for?

Main expected skills:

- Experience with modern object-oriented programming
- Acquaintance with Computer Vision / ML techniques
- Experience with test-driven development
- Good knowledge of design patterns
- Good knowledge of Linux (command line, etc)
- Good written and spoken English

Nice to have:

- Knowledge of Java, JS/TS, C++ (but none are mandatory);
- Experience with CNN / Deep Learning frameworks;
- Experience with Computer Vision (OpenCV);
- Experience with data science tools and algorithms
- Good communication skills

What will be your main responsibilities?

- Collaborate with a small team to develop software for storing and visualizing large quantities of data (from the ocean). You will have a chance to work with data parsing, database storage, API development, developing unit tests and managing CI/CD pipelines. Participate in other R&D projects.

What do we offer?

- Competitive salary, continuously enhanced in accordance with the achieved results
- Integration on a dynamic, young team with an excellent working environment
- Development autonomy
- Opportunity to work in several national and international R&D projects
- Continuous career progression on a solid and fast-growing industry
- Opportunity to work close to sea, developing state of the art systems

Prepare your CV today and don't forget to add a small description of previous projects.

We hope to receive your proposal soon via email to info@oceanscan-mst.com