

GEOxyz – Unmanned Surface Vessel Engineer

In search of a highly skilled and innovative USV Engineer to join our Innovation Department

As an USV Engineer you will play a key role in advancing our capabilities in hydrography and aquatic drone technology.

Your responsibilities:

- Develop and optimize electromechanical systems for aquatic drones used in hydrographic surveys.
- Collaborate with cross-functional teams to integrate sensors, actuators, and communication systems into drone platforms.
- Work closely with software engineers, data scientists, and other team members to ensure seamless integration of electromechanical systems with software components.
- Collaborate with external partners, suppliers, and research institutions.
- Prepare comprehensive documentation for all design and development activities.
- Maintain accurate records of design iterations, testing results, and improvements.
- Ensure that all electromechanical systems comply with relevant industry standards and regulations.
- Participate in certification processes and audits as necessary.

What do we expect from you?

- You have min 5 years of relevant experience.
- You have an engineering degree with preference to maritime industry or electrical/mechanical engineering.
- You have proven experience in electromechanical design.
- Knowledge of maritime environment or hydrographic survey techniques and equipment is a plus.
- You have a good knowledge of English and Dutch.
- Ability to multitask and manage several projects at a time.
- Exceptional attention to detail and a high level of accuracy.
- Time management skills to complete error-free work within the required timeframe.
- Communication skills in reading and writing for creating documentation and reports.
- Critical thinking and problem-solving abilities to develop creative solutions.
- Ability to work well in a team and on your own.

What do we offer you?

- A challenging position within a fast-growing environment.
- A positive and collaborative working atmosphere within a dynamic team.

- Competitive salary.
- Opportunities for active growth within our organization.

<http://www.GEOxyz.eu>