

Our purpose is to realise a more sustainable future. We believe that the mix of existing energy solutions for zero-emission is incomplete. So, we are developing the TidalKite, a revolutionary underwater kite that captures the steady energy of the tides.

It is our goal to make TidalKite a mainstream energy solution in ten years.

A bit of a moon shot, right? No. By then we have made it happen.

Driven by our strong perseverance and our solid commitment to foster and preserve our planet.

For our future generations. For good.

To achieve this mission, we need awesome engineers and we invite you to be part of this exciting journey and contribute to our shared purpose.

#### Your role

As **Robotics and Electronics Engineer** you will get a chance to work on challenging problems in a fast-paced environment. Our collaborative company culture means that people are proactive and are not afraid to move fast and take intellectual risks. This brings us an opportunity to grow as a Team. You are involved in the whole product development cycle. Your responsibilities include basic and detail design of systems in the TidalKite and Power-Take-Off, also in preparing installation and test procedures and documentations. And what's even better is that you also are involved in assembly and construction, so you'll get to see your designs 'come to life' and learn what works in practice.

#### SeaQurrent

Six years ago, we started the development of an innovative system powered by the TidalKite – a scalable, safe, reliable, and eco-friendly energy solution – to make clean electricity available to millions of homes and businesses around the globe. We're now building our fourth model that we will demonstrate near Ameland. Our kite 'flies' perpendicular through the current, generating an enormous lifting force, which is transferred to a power-take-off system that converts it into electricity 365/24/7. One of the things that sets our technology apart is its wide deployment potential making it applicable for power generation on most locations throughout the world. The SeaQurrent team currently consists of 20+ highly skilled and purpose driven professionals.

For more information on SeaQurrent and the TidalKite, please visit our website [www.seaqurrent.com](http://www.seaqurrent.com)

#### What you will be doing

- Basic and detail design of robotic, electrical and electronic systems
- Prepare circuit and cable routing drawings
- Technical support and troubleshooting
- Report writing and following standards
- Responsible for interface definitions with mechanical and control
- Assemble and construct electrical and electronic systems
- Setting up testing procedures, execute and improve design based test results.

#### What we are looking for

- Bachelor/master's degree in electrical and Electronics Engineering, Robotics, Mechatronics with at-least 2 years of experience
- Programming skills
- Good communication skills in English and preferably Dutch
- Proven Strong problem-solving skills and ability to work independently as well as in a team environment
- Hands-on working mentality
- Proven experience of designing robotic projects and systems, automation systems

#### Additional assets

- Willingness to get the appropriate certifications and licences
- Knowledge of offshore industry practices and standards
- Knowledge of requirements from classification societies and offshore standards
- Strong affinity with realisation of electricity systems and designs

**Do you like to join our adventure?** Let us know! Send us your cover letter and resume (to: [work@seaqurrent.com](mailto:work@seaqurrent.com)) and we will contact you as soon as possible. For more information you can contact Maurits Alberda +31 (0)6 34861424.

#### Process

Job posting closes, **May 31, 2023**

Selection of interested candidates based upon cover letters and resumes, wk 22

First round of job interviews with interested candidates, wk 23

Second round of job interviews, wk 26

An assessment and/or assignment can be part of the procedure

Job offer, wk 28

#### Please note

This vacancy is not open to recruitment agencies. For direct candidates only.