



Electrical and Software Engineer (FT)

Who are we?

U-Boat Worx is based in The Netherlands and was founded in 2005. Since its inception we have become the world's leading manned submersible manufacturer. U-Boat Worx offers high-end exploration submersibles ranging from 2-person to 11-person models, available in depth-ratings ranging from 100 meters up to 3,000 meters. The submersibles use the latest advancements in technology to provide clients – who include super yacht owners, research organizations, offshore companies and high-end tourist operators – with the safest and best performing submersibles.

What will you do?

You will develop software and electric designs for all systems that are used in our submersibles. To achieve the high standard that we need, these designs need to be documented and tested correctly.

Examples of systems that we use in the subs are:

- Battery Management Systems (lithium ion)
- PLC's and Touch screen pc's for HMI
- Industrial Firewalls and WIFI
- Various types of sensors
- Motor controllers
- Sonar, USBL, DVL, INS, GPS, underwater-communication systems
- Lights and various camera's

Tools that we use:

- PCWORX and Visu+ (Phoenix Contact)
- Windows 7/10 embedded, Linux
- Different data busses: CAN, Ethernet, ISO, RS485, MODBUS, Profinet
- FMEA, GRPA risk assessments
- Hardware-in-the-loop testing

Who are you?

We are looking for a hands-on, accurate engineer who knows how to design well documented, advanced technology with limited risk. The perfect candidate has the following profile:

- Higher technical education, for example electric, car technology or mechatronics
- Few years of experience in product development
- Willingness to travel occasionally
- Good command of English and Dutch
- Available to occasionally answer technical questions from the field outside office hours
- Team-player with good sense of humor

What do we offer?

We offer a pleasant, challenging and dynamic work environment with an ambitious team of like-minded professionals. You will have the opportunity to expand your personal horizons in an agile organization, which is looking to build a legacy based on a fleet of the world's best submersibles. We start with a full training course to become familiar with all technical and operational aspects of our submersibles.

How to apply?

If you feel you are a good match with this profile, please send your CV with a compelling motivation letter in English to Ms. Regina van Krimpen via humanresources@uboatworx.com. You can contact our office at +31 (0)76-5713096.

U-BOAT WORX B.V.