

## Electronics Design Engineer

Join us in creating the most innovative underwater robotic technology for the harshest environments in the deepest oceans and most turbulent waters.

We lead the world with the most advanced engineering, electronics and software systems for pioneering electric underwater technology.

We don't just create products – we are revolutionising the underwater world!  
So come and be part of an innovative and agile team that is dedicated to smart and inspired technology that is rapidly changing the future of underwater robotics.

### **Main Responsibilities & Essential Skills**

- In this role you will be required to create design solutions for electronic/electrical products in underwater vehicles in line with the company's business needs through innovation, creativity and professionalism.
- To work with minimal supervision either on your own or within project teams.
- You may be required to manage projects, this will require you to direct and co-ordinate project activities within the Engineering Department and other areas of the business such as Purchasing, Operations, Sales and Logistics.
- In depth knowledge of BLDC motors – 1kW+
- Knowledge of motor control theory
- Proven hardware design experience
- Proven experience of knowledge of design for EMC Compliance Development of test procedures and requirements specifications
- Experience of conducting hardware qualification testing
- Fault finding and defect resolution
- System level integration and testing
- "Hands on" approach to the above
- Bachelor's degree from an accredited college in a related discipline, or equivalent experience/combined education, with extensive professional experience.
- Design of electronic products from specification through design and test, to production.
- Analogue (small signal and power) and digital electronics
- PSU design, with an output of 10's kW, at several kV.
- Power transmission and power factor correction
- Knowledge of electrical wiring regulations
- Solid state protected power switching

**The role is based full-time on site at our Fareham premises, attracts a full benefit package and competitive salary**

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#### Saab Seaeeye Ltd

#### Address & Registered Office

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