



Mechatronics Robotics Developer

BLUE OCEAN ROBOTICS ApS

Number of openings: 1
Advertisement publish date: 04/05/2017
Application deadline: 08/06/2017
Start date of employment: As soon as possible

Can you conceptualize, develop and verify new mechatronical designs for our mobile robots?

– If so then you might be our new Mechatronics Robotics Developer.

If you want to be part of a fast growing, successful and highly innovative robotics company, where everything is possible, then just keep reading.

At Blue Ocean Robotics we create and commercialise robots. We apply robot technology to create solutions and innovation for end-users and new businesses in partnerships. In Blue Ocean Robotics we are proud of creating tomorrow's robots, whether it is a patient lifting robot, a roboticized lobster production or a UV-Disinfection robot. Robots which will create value and sense for humans, and we are very excited to have you on board as our new Mechatronic Robotics developer.

We invite you to join us in designing and developing our highly-complex mobile robots, to be used for indoor applications. Our team is committed to utilize cutting-edge research and technology and to develop innovative design solutions for our current and next generation mobile robot systems.

The ideal candidate

A mechatronics candidate with exceptional design and analytical skills to conceptualize, develop and verify new mechatronics designs. As a Mechatronics Engineer, your role is to utilize creativity and sound engineering judgment in the design of motor controls, suspension, sensing solutions etc.

You will be responsible for key system components and will interface with suppliers and manufacturing to build high-quality hardware prototypes and productize new designs. You will be expected to excel in a focused, high-energy, collaborative work environment with a team of international talented engineers. You should be capable of making sound decisions when faced with the time pressures, ambiguous, and incomplete information typical of research and development.

The ideal candidate will have the following skills:

Experience with robot design. Mobile robot product experience will be a plus.

Passion for details in creating robust and reliable robots designed for mission-critical applications. Strong concept development knowledge, design analysis, hands-on prototyping and performance and reliability testing skills.

Proficiency using CAD and advanced analysis tools to design mechanisms and wiring.

Thorough understanding of engineering materials, component selection criteria, and design for reliability and manufacturability with a focus on motors, suspension and drive systems.

The qualification of being self-driven with the ability to excel in a high-energy, small, focused team environment, to maintain a strong sense of shared responsibility and shared reward, and to make work fun and interesting.

Perhaps some experience with electric and electronic components.

Know of fast prototyping technologies: 3D printing, Laser cutter machines, CNCs.

Perhaps knowledge of connectors and communication protocols.

We use SCRUM task management – you will learn it quickly if not already.

It is an advantage if you have some experience with robot systems.

You will need to have some experience in programming.

What we offer

In Blue Ocean Robotics we have an international working environment. Right now we have 11 different nationalities and cultures represented and an incredible desire and eagerness to develop our robots. We have 11 Joint Ventures around the world, and 40+ sales partners. This position is at our HQ in Denmark/Odense.

We respect each other and our differences. We take pride in integrating expat colleagues in collaboration with Odense Robotics and the International Community Odense.

We are a fast-paced, super dynamic organization with a flat work hierarchy. We have monthly social events, to ensure strong cohesion among each other. Check out some of your new colleagues:

<https://goo.gl/BbkLkC>

For further information regarding the position, please do not hesitate to contact HR Manager, Rikke Voldsgaard Risager, via email: rvr@blue-ocean-robotics.com. To know more about Blue Ocean Robotics please visit the website: <http://www.blue-ocean-robotics.com>. Also, make sure to follow our latest news on LinkedIn, Facebook and Twitter.

We will do ongoing screening of candidates. Therefore please submit your application and CV as soon as possible.

Apply here:

<http://blue-ocean-robotics.com/careers/mechatronics-robotics-developer/>