

Join us as we build the ideal future!

VDE Renewables is active worldwide in the field of sustainable energy. We offer project management services for testing and certification according to internationally recognized standards. We also provide customized technical services, including technical due diligence, independent engineering, and consulting services.

For our business unit "Power Plants & Systems" in our branch office in Eckernförde, we are looking for a full-time

Programmer Drones and Robotics

Your tasks

You will be working in a project team with employees from universities and industrial companies on the development of a drone prototype for rotor blade inspection of offshore wind turbines, consisting of drone, control and analysis software. As part of this, you will guide the tests to demonstrate the use of the prototype in real conditions. The goal is to develop a comprehensive inspection concept with which rotor blades of offshore wind turbines can be inspected in a cost- and time-efficient manner using drones.

Your tasks for this project are as follows:

- Coordination of the concept development with participating universities and independent execution of programming tasks using control and analysis software
- Design and implementation of the communication and data transfer from the drone with the ground station for the exchange of image and video data
- Collaboration on hardware development to implement new functions for use in the open sea, improve flight characteristics and meet the requirements of new EU regulations
- Conducting flight tests, following implementation of new software versions

Your profile

- Completed studies in automation technology, electrical engineering or comparable qualification
- Sound knowledge of computer science and the programming languages ROS (Robot Operating System), Python and C++
- Experience in the field of robotics or drones advantageous
- Independent way of working combined with a high ability to work in a team
- Good written and spoken English
- Confident handling of all common MS Office applications

We offer

- A future-oriented workplace with flat hierarchies in an exciting environment with a clear growth strategy
- International working environment with global partners from industry, banks/investors, insurance companies and politics
- Varied tasks and opportunities for further development
- Cooperation in an open-minded and motivated team
- Attractive remuneration

Place of work: VDE Renewables Office in 24340 Eckernförde, Schleswig-Holstein

Type of employment: permanent

Interested? We look forward to receiving your application via <https://vde.kandidatenportal.eu/Login/147091>