Founded in India in 1995, Suzlon is today among the globally leading manufacturers of wind turbines. Our wind turbines stand for ecological energy generation and high economic efficiency. Our corporate communication is open, transparent, respectful and characterised by trust and cooperativeness. Do you want to work flexibly and self-motivated and continue your personal development? If yes, Suzlon is the right employer for you!

Student Worker (m/f) – Hardware in the Loop

Ref. 444

Limited, part time (max. 20 h/week)

The position to strengthen our team in Rostock shall be filled as soon as possible. If you are interested in working in the wind industry we are looking forward to receive your application.

Your tasks:

• You will have to examine our Real Time Simulator platform for processing power, AI, AO, DO and CAN communication
• The existing Hardware in the Loop (HIL) wind turbine will be designed and upgraded in our laboratory in real time.
• You will create software interfaces for the existing components and be point of contact for the equipment suppliers (e.g. measurement boards, communication equipment suppliers, drivers etc.)
• Furthermore it will be your task to interconnect existing hardware by a unified software interface and test the RTS HIL in different scenarios defined by wind industry standards

Your Profile:

• You like challenging task in an international environment
• You are enrolled as a student in Electrical or software engineering or physics
• Programming in Delphi Pascal and C/C++ and further programing languages does not cause a headache – you rather feel comfortable in these tasks
• Advantageous would be knowledge of control technology, automation technology or power electronics and drives
• You have an analytical approach and mindset to the tasks
• Last but not least you feel at home in both languages – English and German.

We offer demanding and interesting tasks in an innovative and dynamic surrounding with reasonable payment and flexible working times.

If you are interested in the position please send your complete application package ns and earliest entry date quoting our reference number to: kristin.papenfuss@suzlon.com