



Mechanical engineer and designer (teknisk konstruktör) – Advanced level

Company description

Winfoor is an innovative engineering company that has developed Triblade, a new groundbreaking technology for large scale wind turbine rotor blades that may disrupt the entire wind power industry. It is a patent pending 3-in-1-blade technology that will reduce both production cost and transport cost dramatically, while allowing rotor blades to be longer, stronger and much lighter than what is possible today. The company also provides mechanical engineering consulting, where we support our clients with advanced mechanical engineering and design, product development and prototyping.

The company is a spin off from Lund University and behind the company is a multidisciplinary group of researchers from the fields of mathematics, fluid mechanics and structural mechanics. Team members either hold a PhD or a MSc degree and core competences include mechanical engineering, CAD design, composite materials, and prototyping. For more information, see www.winfoor.com.

Job description

We are looking for an advanced mechanical engineer and designer that can play a central role in developing Triblade into a worldwide success story. You will be working in a fast-paced and international environment with a team of people from Sweden, Germany and France, having contact with leading experts from the wind industry across Europe and beyond.

As a Triblade developer, you will develop cutting edge rotor blade technology for the wind power industry. You will take part in all steps of the development from concept generating to final specifications and production. You are expected to take initiative, to lead groups and development projects, to plan R&D activities and to do hands on development

Through your extensive network of clients, experience in project management, and advanced knowledge in mechanical engineering and design, you will also play a central role in expanding our mechanical engineering consulting business segment.

Required qualifications

- At least four years' professional experience from mechanical engineering and design consulting.
- PhD or MSc in Mechanical engineering or related technical discipline.
- Advanced level user of CAD and FEM software.
- Ability/willingness to expand our mechanical engineering business segment, including bringing in new clients and projects.
- Strong cooperative and accountability mindset.
- Ability/willingness to do lab work, building and testing prototypes.

Requested qualifications

- Experience in leading and planning R&D projects.
- Experience in modelling and prototyping in composites and mixed materials.
- Programming experience (like for example Python, Java, Fortran, and Matlab).
- Experience in validation of analysis results against other sources, such as test results, data sheets and abstract theory.

Job administration

Location: Åldermansgatan 2, Lund, Sweden.

When: immediately

Duration: permanent position

Schedule: full time, 100%, 40 hours per week.

Contact

Email: career@winfoor.com
Phone: Rikard Berthilsson
at +46 707 754 099



Winfoor