

Loads Engineer

SeaTwirl is a Swedish energy-tech company within offshore wind power with the vision to become a leading supplier of floating wind turbines. SeaTwirl's unique floating vertical-axis wind turbine has a low centre of gravity which means it uses less steel for the floater than conventional floating solutions. The ambition is also to be able to use more local supply-chains, to have lower maintenance costs, larger rotating mass, lower blade erosion, and to be able to place the turbines more tightly together, which contributes to a better economy for the wind farm. The company's first prototype was installed in the sea in 2015. Development is now ongoing for future floating wind turbines.

We are now looking for our next colleague to join us in our office at Lilla Bommen, Gothenburg.

The position

In this role you will be responsible for running simulations with aero-hydro-servo-elastic codes for FVAWT in relevant software, perform pre-process and post-process for simulations and adjust control features to increase performance of the system.

Quantifications

We are looking for you who have a higher technical education.

Requirements

- M.Sc. in relevant field, preferably master thesis in relation to behaviour of floating structures or wind turbines
- Work experience within the field of floating structures, floating wind, or wind turbine
- Fluent in English

Notable skills

- Hydrodynamic simulation tools
- Aerodynamic simulations tools
- Python programming
- Programming in general

To succeed in this role

You are easy to collaborate with and are happy to share your technical knowledge. You are stimulated by solving problems and to use your creativity to find new solutions. As a person you are driven, positive and flexible and take initiative for improvements while spreading energy to your colleagues. You like to work with strategic technical issues but are also "hands-on". You should thrive and like to work in a startup environment where the opportunity to influence your work is great.

What will SeaTwirl offer

SeaTwirl offers you an ambitious and highly motivated team with extensive technological expertise and entrepreneurial experience. The team provides a strong base for the key technology development of floating wind turbines. SeaTwirl is a young, listed company with an international market, in an industry with a large growth potential. With the right background and ambitions, you will have a great potential to be successful at SeaTwirl.