

Working student at our Hamburg office

Load Simulation and Life Time Extension (Wind Energy)



As a provider of engineering services, each project presents us with new challenges. Especially the abilities and the engagement of each individual team member and the cooperation within a team ensure that the project becomes a success for our customers and us. We live flat hierarchies and short communication channels and an appreciative and respectful treatment of one another.

All members of the team can actively help shape the present structures and explore new paths with the company. We decide together which of our topics you will focus on – everyone has a say in his or her own development.

If you are not intimidated by challenging problems, like to actively participate in finding solutions and act independently and responsibly, and if you can identify with our values, **we are happy to receive your application!**

You can expect:

- introduction to the aeroelastic simulation of wind turbines (WT) with OpenFAST
- deepening your methodical knowledge of programming in Python
- an insight into the history of wind energy with the further development of our WT database
 - compilation of data bases on different WT types
 - migration of turbine data
 - testing the migration through comparative calculations
- developing tools in the field of simulation and site assessment
- maintaining and contributing to our internal Wiki
- literature research in the field of load simulation and site assessment
- general tasks to support the team (no coffee making and copying)
- flexible working hours
- a young, dynamic and friendly team that is happy to welcome you

This position fits your profile if you:

- are in a Bachelor's or Master's course in mechanical engineering or a comparable engineering or scientific course of study.
- have knowledge of wind energy technology, especially with the simulation of wind turbines (e.g. with FAST)
- have a good command of written and spoken German and English
- have a structured way of working and are able to keep track of complex problems
- have an affinity for programming and programming skills, ideally in Python
- like to actively use your creativity to find solutions and work independently in a solution-oriented manner
- enjoy working in a team and are a good communicator

Please send your application as a PDF file to
jobs@p-e-c.com

thinking engineering

