

SMART BLADE is a young and innovative company in the field of wind turbine aerodynamics and wind turbine/wind farm performance. We provide power upgrades for wind turbines and work together with major operators, service providers and manufactures in the wind energy market. We offer a flexible and exciting work environment in the heart of Berlin.

Data Scientist for performance evaluation of wind turbines

The opportunity:

We are looking for a Data Scientist to expand our engineering data analytics team. The ideal candidate should be passionate and feel comfortable working with driven Data Scientists and Mechanical Engineers to use our existing software and to collaboratively build new tools to conduct performance comparisons of wind turbines. The vacancy is limited to one year but there is the possibility of a permanent contract afterwards.

Responsibilities:

- Conduct performance evaluations of wind turbines using in-house tools.
- Build new tools for the performance evaluation of wind turbine power upgrades.
- Develop tools to find predictive indicators of major equipment problems before they lead to down time and identify under-performing wind turbines so that corrective action can be taken and energy output improved.

Required Skills:

As our new Data Analyst we are searching for somebody with the following qualities:

- A data science background with a Bachelor's or Master's degree in Engineering, Applied Mathematics, Statistics, Data Science or a related discipline.
- Enjoys working with large sets of messy data like time-series data and logs from SCADA systems and meteorology data sets.
- Ability to write efficient code. Preferred tools include (in order of preference): Python (notebook), R, MATLAB.
- Experience in machine learning / neural network techniques.
- Experience with shell scripts in a Linux environment.
- Clear communication skills. You are comfortable presenting complex data and statistical findings to a range of inter-disciplinary stakeholders.
- Hunger for new information and the ability to learn from their mistakes.

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