



WEATHER FINECASTING

## Vacancy for an IT specialist

### Company introduction

Whiffle is revolutionizing numerical weather prediction by using cutting-edge computing technology to run the world's highest resolution operational weather model. Our Large Eddy Simulation (LES) based weather prediction model delivers benefits in many economic sectors, but our primary focus is on the renewable energy market.

### Job introduction

We are looking for an all-round IT specialist to strengthen our development team. A team member who works together with our atmospheric scientists on the development of Whiffle's LES model, the supporting in-house software and IT infrastructure. He or she also provides expert support in client projects and operational tasks.

The role entails:

- Carrying out development activities in long-term research projects: developments in computational aspects of the atmospheric model or in pre/post-processing code, testing, analysing, writing documentation, scientific reports and/or journal publications;
- Assisting the operation teams and short-term project activities: data logistics, development of client-specific add-ons to the LES model, analysis and visualisation of complex data, data analytics and machine learning, etc.

### Requirements

Our ideal candidate combines expertise (BSc or MSc level) in:

- Computer science, applied mathematics;
- Excellent Linux skills;
- Excellent programming skills in Python;
- Experience with scientific computing in C++ and FORTRAN is an advantage;
- Experience with cloud computing environments is an advantage;
- Experience with machine learning, data analytics is an advantage;
- Affinity with physics, meteorology and numerical weather prediction is an advantage;
- Affinity or experience with best practices in software development is an advantage.

### Working environment

Whiffle, a spin-off of Delft University of Technology, is based in the Yes!Delft incubator in Delft, located between the cities of Rotterdam and Den Haag, the Netherlands. We combine scientific excellence with a drive to innovate in order to deliver better products to our customers. Everybody in our team is eager to learn from and share knowledge with each other. We share a hard working spirit and celebrate our successes together. We stimulate learning and personal development. We value a pleasant working atmosphere and a good sense of humour. You will be working in a highly dynamic technological environment, where practically every step we take is unexplored territory. You have the opportunity to work with leading experts in the fields of atmospheric simulation as well as renewable energy. Your job at Whiffle allows you to make a lasting impact in the field of renewable energy and weather forecasting.

### Contact

Interested? Please send your cover letter and resume to the following e-mail address: [hr@whiffle.nl](mailto:hr@whiffle.nl)

Deadline applications: 20 July 2021. Reference number: #3\_2021.