

## 24J012 – Student assistant

Are you interested in working as assistant programmer on wind power deployment simulation codebase?

The European Institute for Energy Research EDF-KIT EWIV (EIFER) is looking for a

### **Student assistant (f/m/d)**

in the research group “Climate Neutral Communities”.

The European Institute for Energy Research was founded by EDF and the KIT in 2002 aiming at enhancing collaboration through joint projects applied to industrial issues and utilities’ needs. With its applied research orientation EIFER is bridging the gap between science and industry for more than 20 years. In the context of the European energy transition, EIFER provides research-based innovative energy solutions for the sustainable development of cities and communities, economic activities, and territories.

### The assigned tasks involve

- Improving existing codebase for simulation of deployment of wind energy by
  - Fixing small inconsistencies and structural problems
  - Writing unit tests
  - Adding new features

### Required qualifications/skills/interests

The position is aiming to Master-students in a programming-related discipline.

- Familiarity with Python (experience with pandas)
- Familiarity with Git version control (pushing, pulling, merging, etc.)
- Independent research via documentation & other online resources
- A good level in English

### Optional skills

- Familiarity with at least one major database system (e.g. PostgreSQL or MySQL or Microsoft SQL Server)
- Familiarity with Geographic Information System concepts (GIS)
- Familiarity with the Linux command line
- Knowledge of French would be an asset

### What you can expect

- A stimulating, multicultural and multidisciplinary environment
- An institute at the intersection between academic research and one of the largest energy utilities in Europe
- If the opportunity arises: participation to conferences, involvement in scientific publications.

## Conditions

- Duration: 6 months
- Starting date: as soon as possible
- Location: ElFER, Emmy-Noether-Str. 11, 76131 Karlsruhe, Germany
- Monthly compensation: 550 € basis, working hours and hourly rate depending on the student's education level

## Contact

If you want to join a highly motivated research group, please forward your electronic application with one single pdf of max. 5MB including all relevant information (curriculum vitae and cover letter) to [jobs@eifer.org](mailto:jobs@eifer.org). **Please refer to the offer number 24J012.**

For additional information concerning the work please contact: [isaac.boates@eifer.org](mailto:isaac.boates@eifer.org)