OFFIS is a 1991-founded, internationally active Research and Development Institute for information technology based in Oldenburg, Lower-Saxony. In an average of 70 ongoing projects OFFIS, with its over 300 employees, carries out research and prototypical development work on the highest international level in the areas of energy, health, manufacturing and transportation. OFFIS cooperates with more than 700 business and scientific partners worldwide.

R&D-Division: Energy

Group: Power Systems Intelligence

Working hours: according to mutual agreement
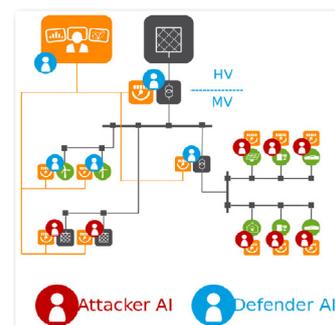
Start: as soon as possible

Student Assistant (f/m/d)
Python development for artificial intelligence

Focus of the Research Group:

The Power Systems Intelligence group works in research and development projects on solutions for a decentralized, decarbonized and cyber-resilient energy supply and specializes in machine learning and artificial intelligence methods. The group researches and develops solutions at the interface between power grid, energy market, artificial intelligence and a cyber-resilient system understanding.

Your Tasks:

You would like to gain practical experience at Lower Saxony's largest research institute for computer science in addition to your studies? We are looking for a student with talent and interest in software development with Python. The central task is to support the development of Palaestrai. Palaestrai is a framework for developing fully autonomous and self-adaptive agents using the ARL concept. The agents compete as attackers and defenders on an energy network model. The execution should be possible in the long run as a distributed system with independent processes.

Your Profile:

> Enrollment at a university or university of applied sciences
> Experience in an object-oriented programming language, preferably Python.
> Knowledge of state machines and multiprocessing in Python is desirable
> Independent and careful way of working

We offer You:

> Collaboration in innovative research projects on the use of artificial intelligence in critical infrastructures
> Active participation and contribution to shaping a young research topic
> Excellent support and integration into our team
> Flexible working hours by arrangement
> Possibility for Bachelor or Master theses in this field
> Remuneration 10.69 €/hour (without bachelor) and 12.43 €/hour (with bachelor's degree)

Contact: Please send your application to: : bewerbung@offis.de

If you agree to our considering your application for other vacancies, then please inform us accordingly by including an informal consent in your covering email or attaching our **consent form (PDF-Download)** to your application.

Contact Person:
Nils Wenninghoff
bewerbung@offis.de

Postal Adress:
OFFIS e. V.
Personalabteilung
Escherweg 2 | 26121 Oldenburg

Further information on the application procedure and data protection can be found at http://bit.ly/OFFIS-Application-Data-Protection.