

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 290 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: Systems Engineering and Assessment

Contract: 3 years with the prospect of extension, full-time
Start: as soon as possible

Research Assistant (f/m/d) in the context of IT-Security and Risk Engineering

Focus of the Research Group:

One exciting field of application is the future energy supply system, which is increasingly based on IT - the so-called „smart grid“: Increasingly decentralized management of energy flows and the spread of decentralized, renewable generators are changing the previous communication and energy distribution structure. This cannot usually be mapped with existing IT systems, so that a corresponding further development of the architecture of both individual IT systems and interacting systems is required. In order to ensure interoperability and security between the systems, standardization plays a major role.

Your Tasks:

- > Application and further development of use case methodology in the context of security engineering
- > Creation of a repository for critical infrastructure risk management
- > Development and operation of a STIX 2.0 and TAXII server system
- > Development of an assessment methodology for information security
- > Publication of the project results in the team and in cooperation with industrial partners

Your Profile:

- > **Master's degree in computer science or a comparable computer science-related field**
- > Profound knowledge of **software and system architectures, use case modeling, architecture management**
- > First experience with cyber security topics
- > **Good knowledge of German and English, both written and spoken**
- > Interest and willingness to **work scientifically**
- > Willingness to familiarise with the **group's topics such as interoperability and information security**
- > Ability to **work independently in a team and communicate with industry partners**

We offer You:

- > You can look forward to a working environment that is very pleasant in human terms and extremely interesting in technical terms.
- > We actively support you in your professional and scientific further qualification.
- > Work-life balance is important to us - we support this with flexible working hours, home office and part-time arrangements.
- > Tolerance, openness and equal opportunities towards people of all genders (f/m/d) are important to us.
- > We would like to continue to grow our proportion of women, which has been increasing for years.
- > We give preference to applications from severely disabled people who are professionally suitable.
- > Your position will be remunerated according to the German TV-L E13

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:

Dr. Jürgen Meister
bewerbung@offis.de

Postal Address:

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>.