

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
Co-Simulation of Multi-Modal Energy Systems (CMO)

Contract duration: 2 years (option of prolongation)
Location: Oldenburg, Lower-Saxony

Software - Architect and Developer for „Smart Grid Co-Simulation“ (f/m/d)

Would you like to shape a piece of the future of the energy system transition? As a software - architect and developer you will be part of our team, which has been researching and developing the possibilities of digitized energy systems for many years. It has now become the largest research group in energy informatics in Europe. In a rapidly changing digitized energy system, creative approaches are required to test and simulate distributed energy systems with all their facets – markets, communication, electrical grids etc. In recent years, we have built our mosaik framework as a part of the SESA Lab for this purpose – one of the few laboratories worldwide in which all aspects of the power system can be flexibly simulated.

YOUR TASKS:

- > development, extension and implementation of the software of our co-simulation platform mosaik
- > research in the field of simulation and validation in the Smart Grid domain
- > development of a web-platform for models, time-series and simulation results in smart energy scenarios

YOUR PROFILE:

- > knowledge in software engineering and development
- > ability to work independently and creatively in a team
- > master degree in computer science or similar
- > creativity and team orientation
- > good knowledge of English
- > strong interest in learning about smart grids and simulation

WHAT WE OFFER YOU:

- > opportunity to work on a PhD thesis
- > excellent opportunities for the development of professional and personal skills
- > professional and socially attractive working environment with an international focus
- > family friendliness through great flexibility in organizing your working time
- > OFFIS emphasizes gender-independent professional equality
- > salary according to the collective agreement for the public sector (depending on qualification group E13 TV-L)
- > severely disabled applicants are given preferential consideration in the event of equal qualification
- > support for learning the German language
- > part-time employment possible

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