

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 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: Energy-efficient Smart Cities

Work hours: up to 42 hours / month
Start: immediately or by arrangement

Student research assistant (f/m/d)

Android App-Development to demonstrate local energy generation in an urban neighbourhood with an energy signal light and development of an interactive web map

FOCUS OF THE RESEARCH GROUP:

The Energy-efficient Smart Cities group looks at different aspects of digitization, which are becoming increasingly indispensable for the creation of energy-efficient districts and cities. The group's flagship project is the „Energetic Neighbourhood Quarter at Oldenburg Air Base“ project, in which the practical implementation of an energyoptimized quarter within the scope of the real laboratory at Oldenburg Air Base is aimed at.

YOUR TASKS:

You support the team with the development of demonstrators, which are used as showcases for interested groups, e.g. on exhibitions or in the internet. One of our demonstrators includes the development of an Android app that demonstrates the energy generation and consumption within a local neighbourhood within a day. The app controls a small physical signal light which is switched according to the current energy situation in the neighbourhood. Another demonstrator shows a map of the neighbourhood and its surroundings and allows the user to get interactive information to different aspects. Especially for the Android development prior experience, either in Java or Kotlin, is necessary.

YOUR PROFILE:

- > Matriculation in a university or university of applied science
- > Experience in software development with Java and / or Kotlin
- > Bonus points for prior knowledge in web development
- > Experience with distributed software development with Git and CI / CD are desirable
- > Ability to integrate in our development process
- > Ability to work independently and accurately

WE OFFER YOU:

- > Participation in an innovative and local research project
- > Working with up-to-date technologies
- > Possibility to be involved in the design and development process and to bring in own ideas and interests
- > Flexible working times
- > Remuneration in line with the universities in Lower Saxony: 10,69€/hour (without Bachelor) and 12,43€/hour (with Bachelor)

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:
Tobias Brandt
tobias.brandt@offis.de

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