Working student (f/m/d) Heat Planning & District Heating Networks

Heatbeat digitalizes heating networks from planning to operation. Support our 25-member team and actively accompany the energy and heating transition in Germany with us!

Aachen, Nuremberg | 12 - 20 h/week | as of now

Your Profile and Skills

- Ongoing studies related to energy technology, mechanical engineering, civil engineering, or similar fields
- Enjoy digital working methods and digitization
- Basic experience with Python is required
- Interest in sustainable energy systems and future-proof solutions for building energy supply
- High reliability and good self-organization

We offer

- Exciting insight into municipal heat planning and heating networks throughout Germany
- Flexible working hours and the opportunity to combine studies and work
- The necessary technical equipment to carry out your work
- Dynamic team in a growing company
- Lots of new ideas and room for your personal growth
- Stay fit with a sponsored membership at Urban Sports Club

Your Tasks

As a working student, you are a full-fledged member of our Heat Planning & District Heating Networks project team. You will receive a very close onboarding by existing team members who will be leaving the team, and whose responsibilities you will gradually take over. To ensure a smooth transition with our current working students, we welcome candidates who can start on short notice. Your tasks include:

- You support our project engineers in the digital is-analysis and potential analysis in municipal heat planning, as well as in the digitization of district heating network projects
- You create building and district heating network simulations and calculate the future supply for the target scenarios in municipal heat planning
- You prepare building data, network data, generator data, and results in our backend so that they can be used in the heatbeat Digital Twin
- You further develop our automated methods for the simulation, planning, and evaluation of district heating networks as well as for data collection and analysis in municipal heat planning
- You are a power user of our heatbeat Digital Twin and help us continuously improve our digital twin with your feedback

About us

At heatbeat, we help energy providers, municipal utilities, and municipalities to better plan and operate their heating supply. To achieve this, we use the heatbeat Digital Twin for the digitalized planning and simulation of these complex energy systems. We are already applying the heatbeat Digital Twin in many exciting projects for our clients and continuously developing it further.

Our 25-member team works at our locations in Aachen and Nuremberg, as well as remotely from across Germany. We pride ourselves on short decision-making processes, creative freedom, and a genuine and open working environment. As a company, our work style sits at the intersection of engineering services, software development, and planning. We aim to accelerate the transformation of energy supply through consistent digitalization and develop innovative, sustainable solutions for our clients.

Visit our homepage for more information and a selection of our projects and use cases or follow us on LinkedIn.

Application

Have we sparked your interest? We are very much looking forward to your application. If you are interested in the position, simply send us a short email with your resume, and we will get back to you promptly.
To ensure a smooth handover with our current working students, we welcome a short-notice start.

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