

"At Diehl, you are not a small cog in the system. In my role, I have a **significant impact** on product development and can take responsibility for making decisions that count."

# MAKE IT WORK



# HAPPEN

## Working student (m/f/d) - beamforming antenna system for metering

### These are your tasks:

- Evaluate receiver chips for the feasibility of implementing such systems.
- Design a printed circuit board (PCB) based on the evaluation results.
- Conduct tests to demonstrate beamforming capabilities using the selected chips.
- Analyze and optimize signal processing to enhance system performance.
- Collaborate with the development team to integrate hardware components into the overall solution.

### Who we are looking for:

- You improve the range of a receiver.
- You use multiple receiving antennas to control the direction of transmission or reception.
- You have a degree in electrical engineering or information technology.
- You have first experience with PCB design.
- You bring knowledge of radio frequency technology, which is advantageous.

**Work location:** Nuremberg

**Job Level:** Working Student

**Working time:** 19 hours per week

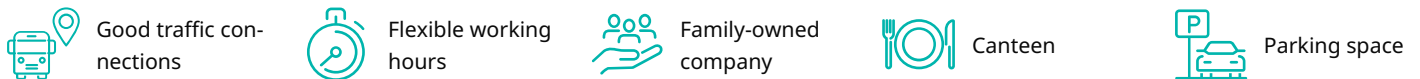
**Employment contract:** 6 months

**Division:** Diehl Metering

**Start:** 01.10.2025

Note: Applicants (m/f/d) with a severe disability will be given preferential treatment if equally qualified. Should you wish to do so, please indicate your SB status in your application on a voluntary basis.

### These are your potential benefits



## Achieve what matters, with Diehl.



Diehl Metering GmbH  
Dana Müller  
Industriestraße 13, 91522 Ansbach  
dana.mueller@diehl.com

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