

"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



Working student (m/f/d) - implementation of signal analysis for two radio systems

These are your tasks:

- Interpret the IQ format as the first step.
- For MIOTY, shift the radio system's frequency channels to the same frequency using an existing frequency hopping pattern.
- Generate an adapted IQ file that can be replayed in the signal analyzer.
- For LORA, align the chirp radio signal to the same frequency and prepare the adapted signal for playback in the signal analyzer.
- Perform additional analyses in the signal analyzer or using Python.

Who we are looking for:

- You can implement signal analysis for two radio transmission systems (MIOTY and LORA) on a Rohde & Schwarz FSVA device.
- You can work with data acquired and saved in IQ format by the device.
- You have a degree in electrical engineering or information technology.
- You have experience with Python programming.
- Knowledge of the Rohde & Schwarz FSVA device or similar test equipment is a plus.

Work location: Nuremberg

Job Level: Working Student

Working time: 19 hours per week

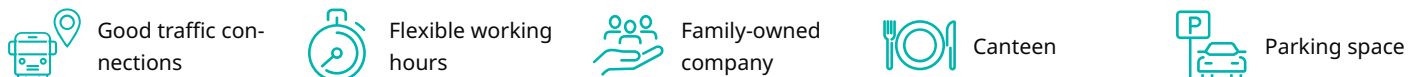
Employment contract: 6 months

Division: Diehl Metering

Start: 01.07.2025

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.



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