"Through my work, I contribute to **saving environmental resources** and at the same time improving company processes."

MAKE IT WORK INVENTIVE

Bachelor-/ Master Thesis (m/f/d) AI based pressure indication

These are your tasks:

- You will develop a concept for an AI-supported function for evaluating existing measured values with a physical correlation.
- You will use the existing measurement system to generate one or more measurement data sets that map the physical relationship.
- You analyze the measurement data and prepare it for the use of an AI-based algorithm.
- You compare various technical implementation options in terms of their suitability and performance.
- You will implement the preferred approach and verify its accuracy using a test data set and document your work.

Who we are looking for:

- You are studying electrical engineering, computer science, artificial intelligence and cognitive systems or a comparable degree program.
- You have already acquired knowledge in the field of software development and ideally AI-based methods such as machine learning during your studies and are interested in applying these in practice.
- You are familiar with the Python programming language and have ideally already gained some experience with common machine learning libraries.
- You have a good command of German and English.
- Your profile is rounded off by initiative, enjoyment of software development, creativity in finding solutions and an independent, solution-oriented and structured way of working.

Work location: Ansbach

Job Level: Thesis

Working mode: Hybrid working

Working time: Full time

Employment contract: 6 months

Division: Diehl Metering

Start: 01.09.2025

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

Flexible working hours

Family-owned company

Canteen

Parking space

Achieve what matters, with Diehl.

Diehl Metering GmbH
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Metering