**Fluid.iO® Sensor + Control GmbH & Co. KG**
An der Hartbrücke 6, 64625 Bensheim, Deutschland
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# Job posting
# Thesis topics for students

Are you looking for a topic for your bachelor's, master's, or diploma thesis? - Then you've come to the right place!

## Your tasks

Are you about to complete your studies and are looking for a practical topic for your bachelor's or master's thesis? Then Fluid.iO Sensor + Control is the right place for you!

We offer you the opportunity to write your thesis in an innovative company with close ties to industrial practice.

**Work areas for working students, interns, and prospective graduates:**

- Android, C#, C++, iOS, LabVIEW
- Design, technical drawing, simulation
- Circuit development & PCB design, embedded systems

## Selection of topics for thesis

- Conception and structuring of new software modules as well as evaluation of various approaches
- Development of software modules for devices and systems (firmware and operating software including visualization) and their documentation
- Development of applications for iOS and Android and other environments
- Integration of communication interfaces, such as industrial bus systems, Wi-Fi, Bluetooth, etc.
- Integration of communication interfaces into devices (Bluetooth, Wi-Fi, bus systems)
- Prototypical development of sensors Measuring devices and controls
- Application areas of cloud and mobile computing, as well as app development
- Design and drawing of assemblies
- Conducting measurement tests and evaluating test results
- Evaluation of embedded platforms such as Arduino for the development of measuring devices
- Marketing, corporate design, market research and analysis

**Apply spontaneously**
Don't have a specific topic in mind yet? No problem! We'd be happy to work with you to develop an exciting task that fits your degree program and our projects.

## Requirements

- Enrolled student
- University requirements for registering a thesis (almost) met
- Motivated and committed
- Interested in the respective subject area
- Want to contribute your ideas

## This is what we offer

- A thesis with added value
- Practical topics with high relevance
- Subject-specific and practical support from experienced specialists
- Access to cutting-edge technology and real-world applications
- Valuable work experience
- We have experience working with students

**Job details**

Employment type : Thesis

Department : all departments

Position to be filled from : 01.07.2025

Office : Saarbrücken Bensheim Zella-Mehlis Bottrop

Language skills : German English

Entry level : Studierende

**Application here**

For applications please use the following address:

Fluid.iO Sensor + Control GmbH & Co. KG
An der Hartbrücke 6
64625 Bensheim

Mr. Wiedmann
E-Mail: hr@fluidio.de

The file size of the application should not exceed 5 megabytes.

- We are interested in a long-term collaboration
- Takeover after successful completion of studies is possible