Fluid.iO® Sensor + Control GmbH & Co. KG
Gernsheimer Straße 19, 64673 Zwingenberg, Deutschland
Tel.: +49-6251-8462-0 E-Mail: hr@fluidio.de Web: www.fluidio.de

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 : 12.10.2026

Office : Zwingenberg Saarbrücken 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
Gernsheimer Straße 19
64673 Zwingenberg

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