

# EMBEDDED SOFTWARE DEVELOPMENT

CRINO

Frankfurter Ring 193a  
81541 München  
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Internship or working student (m/w/d)

## Your profile

- Experience with embedded programming and data sheet specifications (ESP32, STM32)
- Experience with communication protocols (I2C, SPI) is a plus
- Experience with multi-layer routing, including supply and logic signals is a plus
- Responsible and team oriented way of working
- Enrolment in Electrical/Mechanical Engineering, Informatics or similar

## Who we are

We are a deep-tech startup specializing in advanced thermal testing solutions. Our expertise lies in the application of micro and macro calorimetry in cell design and manufacturing processes. Our products leverage simulation-aided mechanical design, the Industrial Internet of Things (IIoT), and Data Science. We organize our work into short, improvement-driven development sprints.

You are passionate about technology and eager to solve relevant problems? We too!

## Your tasks

Our embedded platform for microcontrollers enables the concurrent deployment of multiple tasks. Initially, the real-time stability of concurrent tasks needs to be analyzed in relation to processing load. Subsequently, critical parts of the code require optimization to meet timing criteria. Finally, the developed tools will be integrated into our testing pipeline, facilitating automatic code execution on the target hardware.

### Interested?

Send your application:  
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