



# Internship Development of future radar sensors

- Robert-Bosch-Campus 1, 71272 Renningen, Germany
- Full-time
- Legal Entity: Robert Bosch GmbH

## Company Description

**Do you want beneficial technologies being shaped by your ideas? Whether in the areas of mobility solutions, consumer goods, industrial technology or energy and building technology – with us, you will have the chance to improve quality of life all across the globe. Welcome to Bosch.**

The Robert Bosch GmbH is looking forward to your application!

## Job Description

- During your assignment you work on the development of our radar system demonstrators and extend their functionality.
- You will be trained in radar measurement principles, existing radar sensor prototypes and their operation.
- Support us actively in the initial operation and verification of circuits.
- Furthermore you are responsible for programming of an embedded system.
- The design and implementation of additional features (both software and hardware possible) falls within your area of responsibility.
- You will setting up and performing measurement experiments.
- Not least you create documentation.

## Qualifications

- **Education:** studies in the field of electronic engineering, information technology, computer science or comparable
- **Personality and Working Practice:** proactive, independent and creative
- **Experience and Knowledge:** first knowledge in hardware design and measurement equipment is a plus, experienced with Python or Matlab, experienced in microcontroller programming or FPGAs is an advantage
- **Enthusiasm:** interest in radar sensors, high-frequency technology and embedded systems

## Additional Information

**Start:** according to prior agreement

**Duration:** 6 months

Requirement for this internship is the enrollment at university. Please attach a motivation letter, your CV, transcript of records, enrollment certificate, examination regulations and if indicated a valid work and residence permit.

### Need further information about the job?

Thomas Binzer (Business Department)

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