

# Working student positions and internships in electrical engineering and computer science

Study

## Task Area

The following list gives a rough overview of the topics currently offered at DH electronics.

After selecting a topic, the focus is determined together with the supervising person.

- ▶ Analog and digital circuit design (simulation, layout, logic design, VHDL, FPGA)
- ▶ Evaluation of the new home automation standard "Matter" on a microcontroller
- ▶ Evaluation of the new home automation standard "Matter" under embedded Linux
- ▶ Analogue and digital circuit design (simulation, layout, logic design, VHDL, FPGA)
- ▶ Evaluation of the hardware of a Power over Ethernet (PoE) interface
- ▶ Use of embedded Linux in ARM-based computer modules
- ▶ Support in the area of test engineering as well as build and test automation
- ▶ Development of BSP, bootloader and kernel for embedded Linux
- ▶ Application programming under Linux and Windows (C/C++, Flutter, Go, Qt, .NET)
- ▶ Development of mechatronic solutions
- ▶ General support of hardware and software development (conception, programming, testing, documentation)

### Not the right job for you? Then send us an unsolicited application!

We are always looking for talented developers and junior staff and are looking forward to your suggestions.

## Profile

- ▶ You are studying electrical engineering, computer science or a comparable field.
- ▶ Openness, teamwork and communication skills are your strengths.
- ▶ You have a good proficiency in German and English.
- ▶ Interest in the electronics industry is helpful but no previous knowledge is required.

## What awaits you with us

Of course, you will receive free fruit and drinks, but above all you can expect exciting and varied tasks.

- ▶ DH electronics was once again named a kununu Top Company in 2024, making it one of the best employers.
- ▶ Thanks to flexitime without core hours, you can organize your working day freely as long as you meet deadlines.
- ▶ Your new colleagues will support you during your induction and help you settle into the Digital Heroes team.

► Innovation is our passion: that's why we have been recognized as a TOP 100 Innovator twice in a row.