BLACKBIRD

SHAPE THE FUTURE OF LASERS WITH US!

BACHELOR AND MASTER THESIS OR PRACTICAL SEMESTER

IN THE FIELD: DEVELOPMENT OF AUTOMATION TECHNOLOGY AND ROBOTICS (F/M/D)

ABOUT US

Specialised in the development of control software and hardware for remote laser processing in the high-power range, we create new applications for the laser as a high-tech tool every day.

As pioneers of remote laser welding with on-the-fly, we push the limits of what is technically possible every day.

Are you curious about how it works and you want to do your bachelor/ master's thesis or practical semester on a highly innovative project?

Then Blackbird is the right place for you!

- Location in Garching near Munich
- Working Student (up to 20 hours a week)
- A competitive hourly payment

PROJECT CURRENTLY AVAILABLE IN THE FIELD OF E-MOBILITY

DEFLECTION UNITS PROJECT

Development of a coax. Calibration methodology for laser deflection unit using camera technology

YOUR TASKS

- Evaluation of the necessary camera technology (lens, camera chip, interfaces, lighting...)
- Development of an image processing solution to determine offset XY rotation around Z and gain error of the deflection unit

WHO WE ARE LOOKING FOR

- Field of study in mechanical engineering, electrical engineering and information technology, as well as automation technology and robotics
- Knowledge and experience with image processing as an advantage
- Good knowledge of German and English, both written and spoken
- Good Analytical Skills combined with Creativity
- Organisational skills combined with an efficient working style
- Enthusiasm, flexibility, reliability and the ability to work in a team

- An inspiring work group where you can expand your knowledge and technical skills every day
- A friendly and informal working environment with flat hierarchies and direct communication
- An extremely motivated team is looking forward to your support
- Free drinks and fresh fruit every week create a pleasant working atmosphere

INTEREST AWAKENED?

Then we look forward to receiving your application, including your salary requirements and earliest possible start date, at ***career@blackbird-robotics.de.***

CONTACT

Barbara Vassalli
Tel. 089 / 307 484 - 702
career@blackbird-robotics.de

Blackbird Robotersysteme GmbH
Carl-Zeiss-Straße 5
85748 Garching near Munich