SHAPE THE FUTURE OF LASERS WITH US!

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

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 do you want to work on an innovative and challenging project? Then Blackbird is the right place for you!

CURRENT PROJECTS AVAILABLE

BIPOLAR PLATE PROJECT
Development of a demonstrator station for OTF laser joining of bipolar plates

YOUR TASKS
• Design of bipolar plates demonstrator
• Development and production of suitable clamping technology for the demonstrator bipolar plate
• Conception of a leak test station for bipolar plates

3D OTF PROJECT
Development and design of Welding OTF demonstrator components

YOUR TASKS
• Design of bipolar plates demonstrator
• Development and production of suitable clamping technology for the demonstrator bipolar plate
• Conception of a leak test station for bipolar plates

DEFLECTION UNITS PROJECT
Evaluation of offline programming and path planning possibilities for laser deflection units

YOUR TASKS
• Evaluation of interfaces between robot programming tools and the Blackbird SW, (for common robots),
• Offline programming concept for Blackbird with and without handling device
• Adapt robot templates

WHO WE ARE LOOKING FOR
• Field of study in mechanical engineering, electrical engineering and information technology, as well as automation technology and robotics.
• 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

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
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