



**B-HORIZON**<sup>®</sup>  
MICROELECTRONICS

We create technologies  
for tomorrow.



## Working Student in the field of Software Development and Sensor Measurement Development (m/f/d)

### Your Previous Experiences:



Enrolled student in Engineering, Computer Science, or related field.



First experience in embedded programming, with C++ or similar, first experience in programming machine interfaces using C++ or python



First experience in using G-Code to control precision motion platform (e.g. XYZ-table)



Interest or experience in mechanical and electrical systems troubleshooting, strong problem-solving, analytical, and detail-oriented skills.



Any prior experience with sensor technology or related projects is advantageous.



Effective communication and teamwork abilities, Good speaking and writing skills in German and English

### Your Responsibilities:



Develop and optimize a firmware to control a precise motion system (e.g. XYZ-table) for sensor measurement and data analysis.



Develop and optimize a program to control the measurement system and to capture sensor data.



Verify the developed software to ensure its reliability and efficiency.



Identify and troubleshoot mechanical and electrical problems associated with the system.



Independent execution of manual and automated sensor measurements



Work collaboratively with the engineering team to contribute to project goals, Documentation of all work items, including code and configurations.

### Your Benefits:



Impact on future technologies



Individual development opportunities in a growing company



Practical & business insights, variety of tasks



Experienced, dynamic, diverse, & agile team



Modern work environment with flexible working hours

B-Horizon is an internationally active company with business divisions for development of microelectronics and sensors. We offer IC consulting and design for the development of individual and innovative semiconductor solutions in the automotive and consumer goods industry. B-Neo, our next generation smart sensor system, can be applied in various areas, as car seats, athletic shoes, or gaming suits.

Our passion for technology and extensive experience in the development of microelectronics and sensors, as well as our wide range of services, are the foundation of our success. Thereby our customers benefit from our working style: with the agility of a start-up, combined with the professionalism of a benchmark company.

Are you interested in new professional horizons?

We are looking forward to your application by E-Mail!

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