

# Student Assistant (SHK/WHK)

## Embedded C/C++ Developer

Join Smarobix at TU Dresden

### About Smarobix:

#### *FPGA-Accelerated Robotics*

Our mission is to provide system integrators with innovative low-code solutions for FPGA-based acceleration of robotic systems. We help our clients streamline operations, reduce costs, and improve efficiency by leveraging our expertise in FPGA design, low-code development, and robotics.

## Your Role

As a student assistant, you will support the development of demonstrator components for our core library. You will work with FPGA-SoCs, embedded devices, and real robotic systems.

## We are looking for someone with:

- Proficiency in C/C++ for embedded systems
- Experience working in Linux environments
- Familiarity with FPGA-SoC platforms (e.g., Zynq)
- Knowledge of Vivado and Vitis
- Experience with ROS2 is a strong plus

## What We Offer

- Hands-on experience with a variety of robotic platforms and real-world embedded systems
- A compensated position under SHK/WHK regulations in the state of Saxony
- An opportunity to contribute to a growing startup

## Interested?

Send your CV and a brief intro to:

**[[contact@smarobix.com](mailto:contact@smarobix.com)]**

Subject: SHK/WHK Application - Your Name

