Working Student, Germany

Space Products and Innovation spins technology into the space industry to simplify manufacturing. SPiN enables rapid, flexible, and cost-effective satellite designs through modularity by combining MA61C, its plug-and-play intelligent data node, with system engineering. SPiN democratises access to space, empowering manufacturers to unlock new ventures.

Job purpose

SPiN is seeking a part-time working student (50%) to support engineering activities in the laboratory's operations, software development, and testing. The role includes assisting with AIT, validation and verification, embedded software tasks, and technical documentation. Working under the guidance of the engineering team, the student will contribute to day-to-day project activities and gain hands-on experience in a multidisciplinary space engineering environment.

Duties and responsibilities

- Maintain and organise the laboratory catalogue of components and equipment.
- Support AIT preparation and set-up, including harness-related tasks.
- Assist with validation and verification activities, including functional, bench, and HiL testing.
- Perform diagnostic tests and support minor repairs or component replacement on electronic boards under supervision.
- Assist with embedded software development in C and API development in C++.
- Support the development of test software, scripts, and tools for functional, HiL, and integration testing.
- Maintain driver databases and support software V&V activities.
- Assist with implementing software requirements and preparing technical documentation.
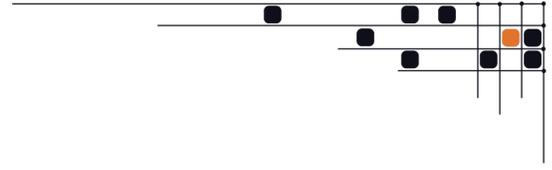- Support software maintenance, product improvements, and cross-functional engineering tasks.

Qualifications

- Currently enrolled in an MSc programme in Electrical and Electronics/Embedded Systems, or a related field
- Practical experience in laboratory work, electronics testing, hardware integration, troubleshooting, and the use of measurement equipment
- Basic knowledge of embedded software development in C/C++; Python for scripting or test support is an advantage
- Experience with PCB design tools is an advantage
- Ability to support technical documentation and test reporting
- Good written and spoken English

Location   Darmstadt, Germany

Working conditions

- Location: Darmstadt, Germany
- Relocation: Yes
- Start date: Q2 2026

SPiN G.m.b.H. Robert-Bosch-Str. 7, 64293, Darmstadt, Germany
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How to apply

Please fill in the application form to apply for this opportunity: https://wkf.ms/3rlgV6x
For more information, you can contact us at hr@spinintech.com