

DSI Aerospace GmbH develops innovative hardware and software solutions and computer technologies for space applications. Our hardware and software are flying as part of prominent space programs such as ExoMars (Mars mission) and JUICE (Jupiter mission). Since 1997, our steadily-growing international team has been producing high-performance, customer-specific and dependable solutions.

We are looking for skilled and motivated colleagues who are passionate about developing and verifying high-quality and elegant software engineering solutions for the leading European satellite missions.

Your tasks

- Implementation of test software (SW) and test scripts for functional validation and hardware-software integration testing, debugging
- Potential (given relevant skills) embedded flight SW development tasks: requirements implementation, SW component design, coding, unit testing, documentation, peer/code reviews
- Functional test engineering (given relevant skills), incl. test specification and requirements tracing
- Collaborating with hardware, FPGA, software, verification, system and quality engineers, helping to achieve the integration of the SW and technical, quality and managerial goals of the project
- Opportunity (given relevant skills) to take up/develop into lead software engineer position on flight software projects incl. all software and functional/operational engineering aspects

Your qualifications

- Completed degree in Computer Engineering, Computer Science, Electronics or a comparable field
- A high level of knowledge of and experience in the use of the C programming language
- Knowledge of software engineering principles and processes
- A structured, independent and responsible approach to work and a high level of quality awareness
- Good level of written and spoken English, ideally at least basics in German
- At least 2-3 years of experience in the field of embedded software development, preferably in the space industry, but at the minimum in a domain with similarly rigorous processes, is a **plus**
- Knowledge of and experience with a real-time embedded OS, real-time software development, unit testing tools, embedded processor simulators, C++, scripting languages, coding standards or software development standards (esp. ECSS-E-ST-40C and ECSS-Q-ST-80C) is a **plus**
- PhD in an engineering field is a **plus**

What we offer

- Challenging and varied tasks encompassing, potentially, all aspects of functional test and software engineering from requirements engineering to design, coding and verification
- Highly-interesting topics and application domains of our units in space
- Friendly and informal international team atmosphere
- Possibility of flexible and family-friendly working hours and central location with good transport links
- Competitive salary and up to +100% company contribution to corporate pension insurance
- Company-financed fitness club membership (wellpass or Hansefit)
- Jobrad (Bike-leasing, incl. contribution by DSI)

for a better space.

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