



Space



Air



Ground

## Junior Software Engineer - Aerospace

Are you interested in developing high-end electronic systems for the aerospace industry?

We at DSI develop hardware and software solutions and computer technologies as well as innovative communication systems for space applications.

DSI hardware and software are flying as part of prominent space programs such as ExoMars (Mars mission) Copernicus (meteorological satellite) and JUICE (Jupiter mission). Since 1997, our steadily growing team has been producing highly innovative, customer-specific and dependable solutions.

For the upcoming projects we are looking for you to strengthen our team at DSI Aerospace Technologie GmbH!

### What are your responsibilities?

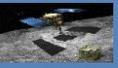
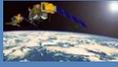
- Hardware-software integration, debugging
- Implementing/coding specified test cases as scripts, testing and debugging, execution of hardware/software tests, writing test procedures
- Potential collaboration on flight or ground SW development:
  - Analysis of applicable requirements and collaboration with the SW system engineer on SW design and related documentation
  - SW coding in accordance with the technical specification, SW instrument control documents and coding standard
  - SW component unit testing
- Supporting peer code reviews/inspections
- Participation and collaboration in large projects encompassing hardware, firmware, software, verification, system and quality engineers, managing the incorporation of your contributions into a larger product and aiding in the effort to achieve the technical, quality and managerial goals of the projects

### What do we expect from you?

- Completed degree in Computer Science, Computer Engineering, Electronics or a comparable field
- Experience in the field of embedded software development is an advantage, preferably in the space industry, but at the minimum in a domain with similarly rigorous processes (e.g. aviation, automotive, medical instruments)
- A high level of knowledge in the use of the C programming language
- At least a basic understanding of software engineering principles and processes
- A structured, independent and responsible approach to work and a high level of quality awareness
- Ability to see how your work fits into a larger project and product and readiness to work with colleagues to achieve its integration
- High level of written English and some fluency in spoken English, ideally at least basics in German
- Extra advantages are knowledge of and experience with real-time embedded operating systems, real-time software development, unit testing tools, embedded processor simulators, C++, scripting languages

### What are we offering?

- Competitive salary and up to +100% company contribution to corporate pension insurance
- Highly interesting topics and application domains including our main field of embedded software for electronic satellite payload equipment
- Challenging and varied tasks encompassing all aspects of software engineering from requirements engineering to design, coding and verification
- Opportunity for professional growth (in the direction of SW system engineer) or wider experience in other areas of the company (e.g. hardware/equipment testing)
- Friendly and informal team atmosphere with a flat organisational hierarchy in an international team
- Possibility of flexible and family-friendly working hours and central location with good transport links
- Company-financed fitness club membership

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