



Space



Air



Ground

## Senior 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 MASCOT (asteroid mission), ExoMars (Mars mission) 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?

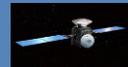
- Design and development of embedded software solutions for our custom hardware systems
- Hardware-software integration and testing
- Authoring and review of technical documentation (in English) related to the developed software and the target systems
- Participation and collaboration in large projects 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
- At least 3-5 years of experience in the field of embedded software development
- A high level of knowledge and experience in the use of the C programming language
- At least a basic knowledge 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 at least basic fluency in spoken English
- Ideally basic written and verbal ability in German
- Extra advantages are knowledge of and experience with C++, scripting languages, unit testing tools, embedded processor simulators, real-time embedded operating systems, real-time software development and development of software for critical systems
- Knowledge of software development standards (especially ECSS-E-ST-40C and ECSS-Q-ST-80C) and coding standards is also a plus

## 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 to branch out into other fields within the company (engineering analyses, testing of hardware and firmware, development of software for satellite ground support and test systems)
- Friendly and informal team atmosphere with a flat organisational hierarchy in an international team
- Possibility of flexible and family-friendly working hours
- Modern and comfortable offices shared with only a few colleagues
- Central location with good transport links
- Company-financed fitness club membership

DSI Aerospace Technologie GmbH				Phone: +49(0)421-596969-0 Fax: +49(0)421-596969-59
Otto-Lilienthal-Str. 1 28199 Bremen Germany				www.dsi-as.de career@dsi-as.de
	JUICE	EnMap	Hayabusa-II MASCOT	
	MetOp-SG	Eu:CROPIS	ExoMars	