



Embedded Software Engineer – Small Satellite Systems

Full-time position at Berlin Space Technologies in Berlin-Adlershof (Germany).

About us

Berlin Space Technologies (BST) is an experienced supplier of small satellite systems and technologies. We provide reliable and cost efficient solutions for high resolution earth observation on the global market and comprehensive training/technology transfer programs.

Job Description

You will be part of the Software Engineering team, with tasks related to design, development, testing and maintenance of our embedded systems. These embedded systems are the essential parts of our satellites. Next to the embedded systems you will also have the chance to take part in the whole development cycle of a complete satellite.

Your Responsibilities

- Design and development of new drivers and firmware for ARM based microcontrollers
- Adapt and improve the existing software
- Programming of Graphical User Interface (GUI)
- Testing and verifying the functionalities of the software
- Writing documentation and reports

Your Qualifications

- University degree in Electrical/ Computer Engineering or embedded engineering knowledge
- Strong knowledge of C and ARM based microcontrollers
- Experiences with standard protocols SPI, I2C, USART, ...
- Experience in C++
- Familiar with electronics, schematics and datasheets
- Nice to have: unit testing, knowledge of encryption and secured communication, image processing, knowledge of NXP SoC



Your Benefits

- Working in a young, friendly and international team
- Diverse and challenging tasks with space for your own ideas
- Flexible working time and paid overtime

Interested?

Please send us your curriculum vitae and cover letter with the subject line “Software Engineer” to jobs@berlin-space-tech.com (contact person: Hai Le Dang). Please do mention about your salary expectations and the date you could start working if offered a position. We are looking forward to receiving your application!