



## Student Intern (m/w/d) – Implementation of a CCSDS protocol

### 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. We offer attractive employment conditions, flat hierarchies, modern workplaces and flexible working hours in a globally active company.

### Stellenbeschreibung

For the implementation of a software project we are looking for a student intern (m/f/d) for a 6 months paid internship. Your main task is the implementation of a protocol of the Consultative Committee for Space Data Systems (CCSDS) for the communication between ground stations and control centers. Next to that you will also have the chance to join the development of embedded systems and take part in the whole development cycle of a complete satellite.

A job as a student assistant after the end of the internship is possible.

### Your Responsibilities

- Implementation of a CCSDS Protokolls in C++
- Integration of the protocol into existing satellite software.
- Testing of the implementation, if necessary in cooperation with a DLR ground station
- Documentation of your work

### Your Qualifications

- Degree in Computer Science (preferred), Aerospace Engineering (preferred) or comparable qualification
- Knowledge of the following programming languages: C++ (required), plus advantageous: C, Unix shell script
- Experience with Git, LaTeX is an advantage
- Experience with CCSDS protocols is an advantage
- Good knowledge of English
- Methodical, structured work and enthusiasm for new technologies and working in a dynamic team

### Interested?

Please send us your curriculum vitae and cover letter to the subject line „Software Student Intern“ to [jobs@berlin-space-tech.com](mailto:jobs@berlin-space-tech.com) (contact person: Hai Le Dang). Please do mention the date you could start working if offered the position. We are looking forward to receiving your application!