



**HE Space** is a successful international space company. For over 30 years, we have been supporting our customers with qualified experts in the field of engineering, science and administration. We are currently looking for a **Flight Software Systems Engineer** to support our customer in the Netherlands.

## **Flight Software Systems Engineer**

### **Key Tasks and Responsibilities**

As part of the Flight Software Systems Section of the Software Systems Division, you will have the following responsibilities:

- General Support to Software Validation Facilities and Avionics Test Bench infrastructure activities;
- Project support related to all technical aspects: development and qualification of flight software;
- Interface adaptations between SVF and Test Bench models;
- Adaptation and upgrade ATB EagleEye mission;
- Integration of TSP based system execution environment;
- Supporting integration of Multicore based system execution environment;
- Support dedicated projects SVF infrastructure development including processor simulator.

### **Skills & Experience**

You will have the following qualifications and relevant experience:

- Master's degree or equivalent qualification in Electronic Engineering, Space Systems Engineering, Computer Science, Mathematics or a related discipline;
- Software engineering and object-oriented programming;
- Space systems and Space Systems engineering;
- Programming languages: C/C++ and/or others;
- Embedded Real Time Systems and Real Time Kernels;
- Micro-processors such as SPARC LEON, ARM, multicore's etc;
- Communication protocols (Mil-1553, SpaceWire, CAN);
- Software Engineering tools;
- Software Engineering Standards such as the ECSS-E-ST-40C;
- Experience with operational software development will be an advantage.;
- Fluency in English is mandatory; knowledge of another European language is an advantage.

This job is located in Noordwijk. We welcome applicants who are available from February 2017 (or as soon as possible thereafter).



If you think you have what it takes for this job, please send us your CV together with a letter of motivation (both in English and in Word) to Ms Corrina Scheepmaker at [jobs@hespace.com](mailto:jobs@hespace.com), quoting job **NL-3257** before **19-Oct-16**.

An exciting and dynamic international working environment awaits you!