



Vacancy: Software Engineer

Celestia Satellite Test & Simulation BV (C-STS) provides innovative high-tech solutions to the international space community to support spacecraft development, AIT and post launch services. The company operates from Noordwijk, The Netherlands.

Our core activities include the design/development and support of high-complexity electronics-based systems for Simulation & Test (EGSE) Products, TTC & TM/TC Systems, High-Rate & TTC Modems and Data Processing Systems.

Due to company's current growth we are searching for a **Software Engineer**. The individual will focus primarily on application level software design, implementation and validation.

The main tasks of the candidate will be:

- Analysis of user and product requirements and translate this into software specifications
- Design, development, improving and refactoring of new or existing high-quality software products
- Installation and verification of software for systems to be used in the Space Ground Segment (both for spacecraft pre-launch testing and post-launch communications/data processing)

Required key qualifications, skills and experience for the candidate:

- Educated in computer science, aeronautics or electrical engineering (M.Sc. or higher)
- 2-5 years of experience within the field of Software Engineering, i.e. design, implementation, integration, validation and (unit/module/system) test. Experience in the Space industry would be beneficial.
- Good knowledge of the C++ and/or Pascal (Delphi) programming language, preferably using the Embarcadero environment (XE/RAD Studio); including methods and tools (UML, issue tracking, versioning systems)
- Experience or interest in learning Pascal (Delphi) programming language.
- Experience in design and development of Graphical User Interfaces, data processing and network communications software/libraries.
- Experience in working according to coding & quality standards (e.g. ECSS, MISRA, JSF, DO-178), including the preparation of design documentation, and working in accordance with development plans and processes.
- Experience supporting large system development projects
- Good organisational and communication (written and oral) skills, for which fluency in English is required
- Self-starter who is used to working independently without extensive supervision or as part of project teams and international consortiums
- Understanding ground systems and facilities required to support spacecraft and instrument AIT and operations would be an advantage.

For a practical and motivated individual, this position will offer an exciting challenge where they can contribute directly in the growth of this quality-driven, dynamic SME organization.

If you are interested, please contact us via email employment@celestia-sts.com

For further information related to the company, its products and activities refer to www.celestia-sts.com.