Vacancy: Software Engineer

Celestia Satellite Test & Simulation BV (C-STS) provides innovative solutions for satellite testing and operations. Our solutions are being used by the international aerospace companies to support spacecraft development activities. We operate from Noordwijk, The Netherlands.

Our core activities include the design, development and delivery of complex electronics-based products:
- EGSE – electrical ground support equipment used to simulate and test satellite sub-systems
- TT&C – telemetry, tracking & command equipment used to communicate with satellites in space

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.
Celestia STS offers:

- Interesting job in space industry
- Small company culture/lean processes
- Flexible work environment (part-time, home office)
- Culture of ownership and transparency (room for personal initiative and development)
- Pleasant workplace in modern well-equipped office
- Collaborative and friendly colleagues (7 nationalities, office language - English)
- Pension scheme
- More than 28 days of holidays a year
- Commuting allowance (our office is easily reachable from den Haag, Leiden, Amsterdam and Utrecht)
- Discount for health insurance package
- Company events (teambuilding etc)

This position offers an exciting challenge where one can contribute directly to 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.