

Software Engineer – Embedded Software (M/F)

2020-013-BE-SYS-AES-SWE



The successful candidate will be based in our main office at Sint-Stevens-Woluwe (Brussels Area).

The position is in the Systems Department, in the Avionics & Embedded Systems (AES) Team (comprises of 5 persons).

The candidate will mainly report to the AES Team Lead.

Tasks and Responsibilities

As a member of the Avionics & Embedded Systems Team, whose activities cover the complete system and software development lifecycle for a number of projects, the successful candidate will:

- Carry out project work by contributing to the development of software solutions for spacecraft on-board critical functions following engineering standard and best practices
- Develop software specifications, design documents and performance assessments as required by the projects
- Interface with the Customers as necessary on technical topics
- Support pre-project activities by contributing to the writing of technical proposals and bringing specific knowledge and capabilities to the benefit of the Team
- Provide technical expertise and support to other Teams in the Systems Department as needed.

Qualifications and Experience

- A university degree or equivalent (i.e. Computer Science, Software Engineering) with at least 2 years' experience in software development, ideally for aerospace applications, healthcare or automotive
- Strong experience in software design and implementation with proven engineering track in:
 - Software development methodologies (Waterfall, V Shape, AGILE/SCRUM)
 - Formal design methods (i.e. UML, HOOD) and version control tools (i.e. Subversion, GIT)
- Proficiency in embedded C/C++, scripting languages (i.e. Python, Bash)
- Good knowledge of Linux and real-time operating systems for embedded systems (preferably RTEMS, freeRTOS)
- Configuration and implementation of Network and Bus Protocols Stacks (TCP/IP, Ethernet, Mil-1553, CAN, SpW, SpFi)
- The following experience/knowledge will be considered as an asset:
 - Typical software architecture and applications in satellite projects or ISS payloads
 - Matlab/Simulink, GUI development
 - Microprocessors, microcontrollers, SoCs and FPGAs
 - Authoring project technical documentation.

Space Applications Services NV/SA

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The successful candidate will have the following skills

- Strength to cope with schedules and deadlines
- Ability to synthesise, summarise and draw conclusions
- Ability to adhere to strict standards of confidentiality
- Ability to work in distributed international teams
- Excellent organisational and communication skills
- A proactive approach, with initiative and ability to work independently
- Excellent written and spoken English.

What Do We Offer?

- Working in a growing company with Staff located in Belgium, Germany and the Netherlands
- A professional, pleasant atmosphere with motivated and passionate staff, where autonomy and initiatives are encouraged
- An interesting remuneration package with a relocation allowance, if applicable
- A full time position with an indefinite contract of employment.

How To Apply?

- Please send your CV and Motivation Letter (both in English) to jobs@spaceapplications.com, to the attention of Mr. Michel Ilzkovitz.

The candidate shall be eligible to work in the European Union or in possession of a European Blue Card for two or more years.

We are looking for someone to start as soon as possible.

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