

The Space Applications Services group has offices in Belgium (HQ), Germany, the Netherlands and the USA. We are a dynamic international group with 30 years experience in performing and supporting system and software engineering for the European Space Agency (ESA), National Space Agencies and the aerospace industry.

We work on international manned & unmanned spacecraft programmes, earth observation, science, exploration, communications and related technology development.

For the Belgian office, we are looking for a:

## Software Engineer for Space Related Data Processing Frameworks Development (M/F) (2018-004-BE-SYS-EOS-SE)

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

The position is in the Systems Department, Ground & Software Systems Division. In the division (comprises of 12 persons), software is developed to build complex cloud based big data processing platforms. This is to allow scientific algorithm developers and data analysts to implement process workflows, taking advantage of cloud computing, without needing to understand the details of cloud computing.

The software is primarily used for processing earth observation data (data acquired by satellites observing the earth), and is to be included in satellite ground segments and data processing facilities.

### Tasks and Responsibilities

- Applying cloud-based distributed processing and Big Data methods and technologies.
- Designing and developing distributed satellite and in-situ data processing platforms to transform and fuse data in order to create downstream product.

### Qualifications and Experience

- A Master' s Degree in a relevant discipline such as Computer Sciences, Software Engineering.
- Experience with object-oriented programming especially on Web applications and services (preferable with Python and Java).
- A proven experience with the software development lifecycle.
- Good knowledge of Linux systems as a user and administrator.
- Knowledge and/or experience with cloud related techniques and tools (e.g. Apache Spark and Hadoop, Ansible Playbooks, Docker, Kubernetes, Marathon/Mesos, OpenStack).

### Candidates will have the following skills

- Strength to cope with schedules and deadlines.
- Ability to synthesise, summarise and draw conclusions.
- Excellent organisation and communication skills.
- Ability to work in distributed international teams.
- A proactive approach, with initiative and ability to work independently.
- Fluency in English (written and spoken) and used to write high-quality software project documentation in English.

### What do we offer?

- Working in a growing company, with offices located in Belgium, Germany, the Netherlands and the USA.
- A professional, pleasant atmosphere with highly qualified and passionate staff, where autonomy and initiatives are encouraged.
- An interesting remuneration package with a relocation allowance, if applicable.
- A full time employment position.

Preference will be given to candidates 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**.

**The application deadline is 12<sup>th</sup> February 2018.**

### How to apply?

- Click on the "Apply" link for this position on our website: <http://www.spaceapplications.com/careers/>
- Include your CV and Motivation Letter (both in English) and send to [jobs@spaceapplications.com](mailto:jobs@spaceapplications.com)
- For this position the contact person is **Mr. Bernard Valentin**.

### Space Applications Services NV/SA

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