

Space Applications Services NV/SA Head Office is in Brussels, Europe with a subsidiary, Aerospace Applications North America Inc. in Houston, 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 - Mission Planning Software Development (M/F) 2018-013-BE-SYS-CDC-SE

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

The position is in the Systems Department, Control and Data Centres Team. The Team's activities cover the development of ground control systems, controlling the experiments done on board of the International Space Station, and different future space crafts, as well as the development of space weather related systems.

The candidate will mainly report to the Control and Data Centres Team Lead.

Tasks and Responsibilities

The initial assignment is the development of mission planning software for the European Space Agency and NASA. Experiments and activities in the International Space Station have to be designed carefully, taking into account the specific mission and resources constraints including the availability of astronauts. In addition, ESA and International Partners have to coordinate their plans constantly to avoid scheduling or resource conflicts. In this activity, the software is developed using an agile method.

Qualifications and Experience

- A Master Degree in Computer Sciences or equivalent
- 2 to 5 years' experience in design and development of software implemented in Java and/or Python
- Proven experience with software development lifecycle
- Fluency with relational databases and SQL
- Ability to write high-quality software project documentation in English
- Good knowledge of Linux systems as a user and administrator:
 - Good understanding of IP networks, firewall, VPM, PKI, routing
 - Open Sources Server environment – OpenLDAP, FTP, Samba.

The following skills will be considered as an asset:

- Experience with Python, Django framework, development of enterprise software, modern frontend programming (especially ES6 & React)
- Competence with system deployment and orchestration tools: Docker, Ansible
- Knowledge and experience with ECSS E-40 standard.

Candidates 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 organisation 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 offices located in Belgium, Germany, the Netherlands and the USA
- 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 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 15th May 2018.

How To Apply?

- Click on the "Apply" link for this position on our website: www.spaceapplications.com/careers
- Include your CV and Motivation Letter (**both** in English) and send to jobs@spaceapplications.com
- For this position, the contact person is **Mr. Rani Pinchuk**.

Space Applications Services NV/SA

Leuvensesteenweg 325

1932 Sint-Stevens-Woluwe (Brussels Area), Belgium

Tel: +32 (0)2 721.54.84 - www.spaceapplications.com & www.icecubesservice.com