BIRA-IASB is looking for:

Programming Analysis Officer
starters job (-26 years) (m/v/x)

Statute: Contractual (full time)
Deadline for applications: 2021-07-16
Priority applications: 1) candidates who are in an open SELOR recruitment pool
2) Entry level (<26 years of age)

Assignment, division & context

The B. USOC (Belgian User Support and Operations Centre) hosted at the Royal Belgian Institute for Space Aeronomy (BIRA-IASB). Avenue Circulaire 3, 1180 Uccle.

The B.USOC is an operational centre located since its creation in 1997 at the BIRA-IASB which aims to provide technical and operational support to Belgian scientists in the preparation, implementation and exploitation of their experiments/missions, independently of the field of space research. As part of the Belgian contribution to the International Space Station (ISS), the B.USOC is also the centre responsible for European Space Agency (ESA) payloads on board the Columbus module, currently the external platform ASIM (Monitor Atmosphere-Space Interactions) for the observation of stratospheric electric discharges and terrestrial gamma ray flashes, and the pressurized rack FSL (Fluid Science Laboratory) for experiments on fluids and soft matter. For these facilities, the B.USOC is responsible for the preparation and execution of the operations, the remote control and monitoring of the experiments, and the transfer of data to the scientists.

Job description

You are responsible for the development and maintenance of software applications in support of the B.USOC projects. The main projects are currently:

- ISS experiment operations for which you contribute to the maintenance of existing applications that are used for ASIM programming and FSL data retrieval and processing;
- the management of the space weather services network for which you will continue to develop applications facilitating the interaction with partner teams, the compilation of project reports for ESA and the monitoring of network services and project results.

You will collaborate with the B.USOC ground control team and the Institute’s IT department.

Qualifications
Applicants must have a Master’s degree in Computer Science without experience or a Bachelor’s degree in Computer Science with 2 years of relevant experience.

You’re not older than 26 years old (this is an official condition of the starters job contract) https://emploi.belgique.be/fr/themes/emploi-et-marche-du-travail/mesures-demploi/regime-des-premiers-emplois-plan-rosetta/la

Behavioural skills
- You will act with integrity, respect confidentiality, be objective and avoid any form of bias.
- You are highly organised, work well under pressure with clear deadlines and respect agreements.
- You constantly evaluate your work and strive for continuous quality improvement.

Technical skills
- Good knowledge of front-end and back-end programming languages.
- Basic knowledge of procedural and concurrent programming languages.
- You have experience with the Linux operating system, JavaScript web applications and the SQL database language.
- You can express yourself in English both orally and in writing.

Not mandatory, but an asset
- You are interested in scientific or technical fields such as solar-terrestrial physics

We offer
- This position concerns a full-time 1-year contract with the option of extension; Salary is according to the federal regulations from the federal administration
- All relevant work experience (public+ private sector) will be considered when determining seniority.
- Possibility to acquire a bonus for bilinguism (Dutch/French)
- Possibility of training (to be followed during working hours)
- Pleasant working atmosphere in a scientific environment located in a green setting
- Attractive annual leave policy (minimum 26 days by year)
- Options to balance professional and personal life (flexible schedule) within the 38 hours week
- Pleasant work environment in a scientific institution located in a green setting in Uccle, Brussels
- Full refund of commuting expenses when using public transportation, compensation when using the bicycle
- Possibility to work from home
- Access to special advantages arranged for the employees of the federal scientific institutions: museum card, hospitalization insurance, reductions via the Fed+ card, etc.
- Company restaurant with reasonably priced hot meals and salad bar.
- On-site childcare during school holidays in July and August
- Dynamic working environment with international contacts

Interested?
Send your application letter to: recruitment@busoc.be with hr-ae@aeronomie.be in copy with the following reference “P10_ICT_STARTER”. Your personal data will be kept for six months. Please indicate in the cover letter whether you agree to your applications being passed on internally to other teams potentially interested in your profile.