

## Job Title: Young Graduate Trainee for Engineering and Operations support for REXUS/BEXUS

Req ID 4125 - Posted 19/01/2018



### EUROPEAN SPACE AGENCY

Young Graduate Traineeship Opportunity in the Director General's Services.

ESA is an equal opportunity employer, committed to achieving diversity within the workforce and creating an inclusive working environment. Applications from women are encouraged.

#### Post

**Young Graduate Trainee for Engineering and Operations support for REXUS/BEXUS**

This post is classified F1.

#### Location

ESTEC, Noordwijk, The Netherlands

#### Our team and mission

The ESA Education Office has the objective to use space as a theme to enhance the literacy of young people in science and technology and to motivate young students from ESA Member States to prepare to pursue a space related career.

In support of achieving its educational objectives, the Office offers, in the frame of the ESA Academy:

- a number of opportunities for students to gain hands-on involvement in space-related projects, including satellite projects, and experiments to be conducted on dedicated platforms reproducing special environmental conditions (such as sounding rockets, stratospheric balloons, drop tower facility, hyper-gravity centrifuge, and parabolic flights). These activities enable a transfer of knowledge, offer an insight into professional processes and promote the development of relevant scientific and technical skills and competences.
- a portfolio of training sessions, in all areas of ESA's expertise, delivered at the ESA Academy's Training and Learning Centre, to complement what university students are learning at university and to better prepare them for a space-related career.

The Office works in close cooperation with ESA specialists from different directorates, industry experts, university institutions and other research organisations.

Information on the activities of the ESA Education Office can be found at <http://www.esa.int/education>.

Interested candidates are encouraged to visit the ESA website: <http://www.esa.int>

#### Field(s) of activities

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The Young Graduate Trainee (YGT) will support the coordination of the hands-on project activities conducted by the University student teams participating in the REXUS/BEXUS (Rocket/Balloon Experiments for University Students) programme. In coordination with the other programme partner organisations, the YGT, under guidance from his/her ESA tutor, will support student teams developing experiments from selection (concept) throughout their design, fabrication, testing, launch and post-flight activities.

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Specific tasks will include: periodic review of experiment technical documents (experiment design/operation and project management), tracking teams' progress between formal reviews, assistance with coordination of logistical arrangements for reviews, launch campaigns and workshops, and ensuring an effective utilization/dissemination of experiment results. The YGT may also offer direct support to teams and partners at these events, including launch campaigns, in the form of both hands-on support and delivery of presentations.

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Generally the YGT may also contribute to overall programme development and maintenance including: website, social media and other outreach aspects, supporting the development of the programme schedule and maintaining key programme databases.

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The YGT may also be involved in additional technical tasks (both design and realisation) to further develop the programme and/or platforms. Additionally the YGT may also contribute to other activities and projects of the Education office, as required.

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#### Technical competencies

Knowledge of relevant technical domains  
Relevant experience gained during internships/project work  
Breadth of exposure coming from past and/or current research/activities  
Knowledge of ESA and its programmes/projects

#### Behavioural competencies

Self Motivation  
Communication  
Continuous Learning  
Cross-Cultural Sensitivity  
Teamwork

#### Education

Applicants should have just completed, or be in their final year of a University course at Masters Level (or equivalent) in a technical or scientific discipline.

#### Additional requirements

Applicants should show a strong understanding of both system engineering principles and practices as well as a good understanding of project/programme management.

Applicants should be able to demonstrate excellent organisational and communication skills, the ability to follow multiple concurrent activities and a proactive approach to programme coordination . Experience with social media and outreach aspects may be an asset.

The working languages of the Agency are English and French. A good knowledge of one of these is required. Knowledge of another Member State language would be an asset.

In addition, applicants should demonstrate good interpersonal skills and the capacity to work both independently and as part of a team.

During the interview the candidates' motivation and overall professional perspective/career goals will also be explored.

#### Other information

For behavioural competencies expected from ESA staff in general, please refer to the [ESA Competency Framework](#).

**The closing date for applications is 04 February 2018.**

If you require support with your application due to a disability, please email [contact.human.resources@esa.int](mailto:contact.human.resources@esa.int).

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Please note that applications are only considered from nationals of one of the following States: Austria, Belgium, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Luxembourg, the Netherlands, Norway, Poland, Portugal, Romania, Spain, Sweden, Switzerland, and the UK, or Slovenia as an Associate Member, Canada as a Cooperating State, Bulgaria, Cyprus, Latvia, Lithuania and Slovakia as European Cooperating States (ECS).  
Priority will first be given to candidates from under-represented Member States.

In accordance with the European Space Agency's security procedures and as part of the selection process, successful candidates will be required to undergo basic screening before appointment