

Job Title: Young Graduate Trainee for Downstream Applications in Smart Cities

Req ID 8709 - Posted 16/04/2019



EUROPEAN SPACE AGENCY

Young Graduate Traineeship Opportunity in the Directorate of Telecommunications and Integrated Applications.

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 Downstream Applications in Smart Cities

This post is classified F1.

Location

ECSAT, Harwell, United Kingdom

Our team and mission

The purpose of the ESA Business Applications and Services feasibility studies and project is to achieve commercial/economic viable satellite based applications in a variety of application domains (e.g. health, transport, energy, tourism, public safety, environment, agriculture).

Interested candidates are encouraged to visit the ESA website: <http://www.esa.int> and the ESA Business Applications website: <https://business.esa.int>. Please refer to ESA Business Applications projects section to learn about the type of activities which are supported <https://business.esa.int/projects>.

The team's daily work consists in supporting groups, organisations and businesses that reside in ESA Member States that subscribe to the program (to date, these countries include Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Luxembourg, The Netherlands, Norway, Poland, Portugal, Romania, Sweden, Switzerland and the United Kingdom.)

Field(s) of activities

The Young Graduate Trainee (YGT) will engage in understanding the key success factors that lead to commercially viable space-based Downstream Applications and how to engage with the 3rd party funding. For example, the YGT will work to correlate key company and/or activity features and its commercial and fund raising success / failure.

The YGT will in particular focus on the smart cities domain, working with the team to identify and pursue new opportunities. The YGT will be part of a team which support industry to develop and to demonstrate downstream services based on space assets such as Satellite Communication, Satellite Navigation, Earth Observation, and which present a strong potential to become commercial in the short/medium term. In particular, the candidate will explore new possible commercial applications in the verticals of Mobility, Transport, Cultural Heritage and Safety which are amongst the main pillars of the smart cities domain.

The YGT will assess space data and technologies to be used for applications in the smart cities context, develop initiatives to engage with users/stakeholders and industrial actors with the purpose of supporting the emergence of relevant projects for smart cities space-based applications.

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 at Masters Level (or equivalent) in a technical or scientific discipline, preferably in combination with an economics or business discipline.

Additional requirements

Additional technical competencies: good experience and skills in Office automation tools, Social Media, analysis software (R, Python, Tableau) and databases (e.g. Sharepoint, SQL) will be considered as an asset.

Applicants must be fluent in English and/or French, the working languages of the Agency. A good proficiency in English is required.

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

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 13 May 2019.

If you require support with your application due to a disability, please email contact.human.resources@esa.int.

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 United Kingdom. Nationals from Slovenia, as an Associate Member, or Canada as a Cooperating State, can apply as well as those from 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