

# Job Title: Young Graduate Trainee for Infrastructure Systems Cyber Security Analysis

Req ID 8499 - Posted 17/05/2019



## EUROPEAN SPACE AGENCY

Young Graduate Traineeship Opportunity in the Directorate of Internal 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 Infrastructure Systems Cyber Security Analysis

This post is classified F1.

### Location

ESTEC, Noordwijk, The Netherlands

### Our team and mission

The ESA ESTEC site is the technical heart of the Agency, where the most ESA projects are born and where they are guided through the various phases of development. ESTEC hosts research laboratories, test facilities, offices and required supporting infrastructure.

Our team's mission is to efficiently manage estates and infrastructures (civil, electrical, mechanical) and to provide a modern work environment.

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

### Field(s) of activities

#### **In the frame of this traineeship the Young Graduate Trainee will contribute to:**

- reviewing the latest industrial trends in Cyber Security requirements in the Facility Management domain;
- establishing an inventory of critical installed ESA Facility Management systems in view of cyber threats, study and review the situation for:
  - o Building Management Systems,
  - o Power Metering Systems,
  - o Power Plants Control and Management Systems,
  - o Security and Safety Systems.
- preparing a draft map of ESA Facility Management Cyber Security risks;
- providing an analysis of the cyber security situation of the ESA Facility Management infrastructure and a proposal for a project/action plan for its evolution;
- supporting studies and projects aiming at streamlining and digitalizing the processes in ESEC and the Estates and Facility Management Department, review them from the Cyber Security perspective and make proposals on further improvement.

### 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 engineering, informatics or physics.

## Additional requirements

Knowledge of Cyber Security, ICT network architecture and protection mechanisms are considered an asset. The working languages of the Agency are English and French. A good knowledge of one of these is required, in particular of French. 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 16 June 2019.**

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