



EUROPEAN CENTRAL BANK

EUROSYSTEM

Traineeships in IT Security

Reference 2020-395-TRA

Type of contract	Traineeship
Who can apply	EU nationals eligible for our traineeship programme (https://www.ecb.europa.eu/careers/what-we-offer/traineeship/html/index.en.html)
Salary	The trainee grant is €1,070 per month plus an accommodation allowance.
Working time	Full-time
Place of work	Frankfurt am Main, Germany
Closing date for applications	12 October 2020

Your team

You will be part of one of our highly motivated information security teams in one of the following divisions: Digital Security Services, Centralised On-Site Inspections or Market Infrastructure Support. We design and implement information security solutions, we take care of information security governance tasks and organize, monitor and coordinate on-site inspections activities on IT risk.

In your role as trainee, you will help to protect the ECB and ESCB IT assets or contribute to IT supervision activities. This will involve working closely with stakeholders within the IT department as well as from other ECB business areas, other national central banks and national supervisory authorities.

The ECB is an inclusive employer and we strive to reflect the diversity of the population we serve. We encourage you to apply, irrespective of your gender, gender identity, ethnicity, sexual orientation, age, religion, disability or other characteristics.

Your role

You will gain insight into and hands-on experience of the real-life application of information security according to international standards and methods. You will work in a team under the guidance of a mentor, taking initiative and contributing to the work of the division.

As a trainee in the Digital Security Services Division, you will:

- contribute to security engineering, security operations or security governance activities in areas such as IT risk management, communication and network security, identity and access management, threat intelligence and security awareness.

As a trainee in the Market Infrastructure Support Division, you will:

- review the information security controls and cyber resilience posture of the Eurosystem's market infrastructures, such as TARGET2, TARGET2-Securities and TARGET Instant Payment

Settlement. These infrastructures support the efficient processing of payments and securities transactions and are systemically important for financial stability in the euro area. Work will also include the review of the existing frameworks for the identification and management of (cyber) threats and threat scenarios supporting the identification and assessment of operational (cyber-related) risks. Moreover, in MIS you will support the activities of the 2nd line of defense for the TARGET Services and review and assess 1st line of defense activities related to cyber resilience of the TARGET Services.

As a trainee in the Centralised On-Site Inspections Division, you will:

- contribute to the horizontal support relating on-site activities on IT risk areas such as cyber-incident reporting, IT training and supervisory review and evaluation processes;
- participate in the preparation of notes, memoranda, external publications and dossiers.

The positions offer you an excellent opportunity to join a stimulating environment and gain experience across a multitude of information security topics. You will be part of a multicultural team that strives for continuous innovation to make a positive impact on the lives of European citizens.

Qualifications, experience and skills

Essential:

- a bachelor's degree or higher in the field of computer science, information security, mathematics or another relevant field;
- good IT and analytical skills;
- familiarity with one or more information security or cyber resilience concepts such as IT risk management, identity and access management, cryptography, threat intelligence, vulnerability management, etc.;
- an advanced (C1) command of English and an intermediate (B1) command of at least one other official language of the EU, according to the Common European Framework of Reference for Languages, <https://www.coe.int/en/web/common-european-framework-reference-languages/table-1-cefr-3.3-common-reference-levels-global-scale>.

Desired:

- knowledge of international IT security standards or frameworks (e.g. ISO 27000 family, COBIT, NIST);
- programming or scripting skills relevant to security engineering or data analysis;

- knowledge of operational risk management frameworks (for the traineeship in Centralised On-Site Inspections Division and Market Infrastructure Support Division);
- knowledge of financial market infrastructure systems (for the traineeship in Market Infrastructure Support Division).

You are curious and eager to learn, and want to further develop your ability to analyse complex information. You are keen to collaborate with others, pursue team goals and learn from other people's diverse perspectives. You strive to know and anticipate stakeholder needs, and will signal any need for change and propose alternative solutions.

Working modalities

Playing a role in European Central Bank entails collaborating in multinational and multicultural teams and operating in the context of different national frameworks. This important part of our work is complemented by an environment in which well-being and a good work-life balance are fostered. Working for European banking supervision may involve spending short periods of time abroad for on-site visits or training.

Further Information

Traineeship of between 6 and 12 months in total.

If you have questions regarding the campaign you can contact:

- DG-IS/DSS Division at monica.pellegrino@ecb.europa.eu
- DG-MIP/MIS: cristiano.paris@ecb.europa.eu
- DG-MS IV/COI Division at oscar.sanz@ecb.europa.eu

The recruitment process for this position may include an online interview via WebEx in the selection phase.

Application and selection process

For further information on how to join us,

<http://www.ecb.europa.eu/careers/before-you-apply/html/index.en.html>.