



TRAINEESHIPS 2024

Would you like to gain professional experience in an international environment?

Cedefop, the EU Agency based in Thessaloniki, offers
a **10-month traineeship** starting on **1 October 2024**.

WHAT THE TRAINEESHIP IS ABOUT	
Department/Service	Department for VET and Skills (DVS) Skills and Labour Market Skills intelligence and foresight team
Project title	Skills Intelligence and Foresight
Project description and outcomes	<p>Are you interested in working for a dynamic team and contributing to identify skill and job trends in the EU? Then don't wait to apply!</p> <p>The trainee will support the Skills intelligence and foresight team mainly on the following projects:</p> <ul style="list-style-type: none">• Skills in online job advertisements (OJAs): The project offers detailed information on the jobs and skills employers demand based on online job advertisements (OJAs) in 27 EU countries plus UK, CH, IS, NO and LI. It is powered by Cedefop's and Eurostat's joint work in the context of the Web Intelligence Hub.• Skills intelligence: Building on over a decade of experience in developing and disseminating skills intelligence, the project brings together Cedefop's analytical and research work to provide better and more synthetic evidence on current and future skills and labour market trends. Narrative-driven visualisations are used to help policy makers and other skills intelligence users understand what is trending in occupations, sectors, countries, and skills. Skills intelligence includes Cedefop's work on the green transition, as presented in Cedefop's Green Observatory. <p><u>Outcomes</u></p> <ul style="list-style-type: none">• Skills in online job advertisements (OJAs): the Skills-OVATE tool offers detailed information on the jobs and skills employers demand based on

	<p>online job advertisements (OJAs) in 27 EU countries plus UK, CH, IS, NO and LI. More information and relevant publications can be found here.</p> <ul style="list-style-type: none"> • Skills intelligence: indicators, data and information on occupations, sectors and countries; a list of data insights on topics such as sectoral analysis, skills anticipation in EU countries etc. Cedefop's work on skill and jobs for the green transition is hosted in Cedefop's Green Observatory.
Trainee's main duties and tasks	<p>Trainee's tasks will be selected based on team priorities every quarter.</p> <p>The main envisaged tasks are expected to regard statistical analysis of socio-economic data and data-based visualisations. Tasks may regard:</p> <p>Online job advertisements (OJAs)</p> <ul style="list-style-type: none"> • Carry out analysis based on raw text or classified information of online job advertisement data; • Help in creating visuals based on OJA analysis. <p>Skills intelligence</p> <ul style="list-style-type: none"> • Data preparation/checking for skills intelligence data insights (LFS, skills forecast and OVATE); • Development of data insights visualisations; • Support the analysis of existing Cedefop research and findings on occupations, sectors and countries; • Support analysis on skills relevant to the green transition.
Expected learning outcomes	<ul style="list-style-type: none"> - Gain experience in: <ul style="list-style-type: none"> • analysis of socio-economic data; • working with Big Data; • using statistical tools; • quantitative analysis; • developing data-based visualisations; • developing content for online information platforms. - Better understanding of labour market analysis and use of skills intelligence in policy making.
ESSENTIAL REQUIREMENTS	
Academic background	<ul style="list-style-type: none"> • Degree in social sciences, data science or in applied statistics; • Strong quantitative skills (data science / statistical/econometric analysis); • Educational background and/or interest in labour market analysis; • Knowledge of R or Python • English C1 level; • ICT literacy.

DESIRABLE	
Experience/exposure	<ul style="list-style-type: none">• PhD in social sciences, data science or in applied statistics;• Use of visualisation tools (e.g. Tableau/Power BI, matplotlib);• Familiarity with Python libraries (e.g. numpy, pandas, sklearn, Keras/tensorflow/pytorch).

For further information and on-line application, please visit our [website](#)

**Deadline for the submission of applications:
Wednesday 22 May 2024 at 13:00 Greek time (CET+1)**

Only applications submitted online will be accepted