



2021-GEE-E-000-017788

Trainee - A/I

<p>Position for:</p> <p>Trainee</p>	<p>As the science and knowledge service of the Commission, the mission of Joint Research Centre is to support EU policies with independent evidence throughout the whole policy cycle.</p> <p>The JRC is located in 5 Member States (Belgium, Germany, Italy, the Netherlands and Spain). Further information is available at: http://www.jrc.ec.europa.eu</p> <p><u>Short description of activity:</u></p> <p>This trainee position is in the Border & Transport Security unit of the JRC. Depending on the profile of the candidate, the trainee will carry out one of the following projects:</p> <ul style="list-style-type: none">• Real-time detection and tracking of unmanned aerial vehicle (UAVs, or drones) for critical infrastructure protection, using hybrid sensing, computer vision and machine learning;• Automated detection of specific threats in X-ray images of luggage, using computer vision and machine learning;• Automated analysis of image quality of X-ray baggage screening equipment using computer vision;• Development of digital gateways (smartphone app, web service) for online assessment of X-ray image quality. <p><u>Qualifications:</u></p> <p>Bachelor-level degree in computer science or related discipline (final-year students are also eligible).</p> <p><u>Essential:</u></p> <p>Proven working knowledge of computer vision and machine learning.</p> <p><u>For general eligibility requirements, please read the rules governing the traineeship scheme of the JRC:</u></p> <p>https://ec.europa.eu/jrc/en/working-with-us/jobs/temporary-positions/jrc-trainees</p>
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Unit /Directorate	JRC.E.5
Duration	5 months
Preferred starting date	Starting between September 2021 – March 2022
JRC Site	Geel
Country	Belgium
Maximum monthly basic allowance	€ 1.229,32 (this amount may be reduced, depending on your personal situation)
<u>JRC contact details</u>	For any technical problems with your application, please contact: HR-AMC8-RECRUITMENT-TOOLS-SUPPORT@ec.europa.eu