



2021-IPR-B-000-017448

Trustworthy Artificial Intelligence

<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: https://ec.europa.eu/jrc/en</p> <p>The Digital Economy Unit of the JRC Directorate Growth and Innovation provides quantitative and qualitative techno-socio-economic research targeting the impacts of Digital Transformation on the economy and society. It aims to provide an independent assessment of key opportunities and challenges for Europe arising from new digital technologies and of the measures that could be taken to shape future outcomes to the benefit of European society.</p> <p>The Unit hosts the HUMAINT project, which researches on the impact of Artificial Intelligence (AI) on human behaviour and develops practical methodologies for trustworthy AI.</p> <p><u>Short description of activity:</u></p> <p>The purpose of this traineeship is to contribute to some research activities of the HUMAINT project. In particular, the trainee will:</p> <ol style="list-style-type: none">1. Collaborate in a study on bias in perception systems in the field of autonomous driving, including potential bias for vulnerable road users (age, sex, pedestrian mobility mode, etc.) and vehicles (type of vehicle, color, etc.). The trainee will collect new attributes from available datasets currently in use to develop perception systems and test and use new tools for labelling these attributes.2. Collaborate in the development of an
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	<p>interdisciplinary glossary of terms specifically focused on human-centred Artificial Intelligence. Several glossaries on AI are already available, but they are presented under different perspectives. The trainee will help to collect definitions from different sources and adapt them to the context of human-centred AI.</p> <p>3. Engage with the HUMAINT team and its scientific network by means of scientific events and engaging in relevant discussions.</p> <p>The trainee will contribute to HUMAINT scientific publications to be published in 2021-2022.</p> <p>Background:</p> <p>HUMAINT is an interdisciplinary project within the Joint Research Centre of the European Commission aiming to understand the impact of machine intelligence on human behaviour, with a focus on cognitive and socio-emotional capabilities and decision making. For a general introduction to HUMAINT team and topics, check our web page. https://ec.europa.eu/jrc/communities/en/community/humaint</p> <p>Qualifications:</p> <p>Essential:</p> <p>The candidate shall have</p> <ul style="list-style-type: none"> • a Masters/PhD degree, or be enrolled in a PhD degree or the final year of a Masters degree in Computer Science, Economics, Engineering, or a related discipline; • experience in artificial intelligence and machine learning; and • good knowledge of spoken and written English (at least level B2). <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>
Unit / Directorate	Directorate B Growth and Innovation Unit B.6 Digital Economy

Duration	5 months
Preferred starting date	Q2/2021
JRC Site	Ispra
Country	Italy
<u>JRC contact details</u>	For any technical problems with your application, please contact: HR-AMC8-RECRUITMENT-TOOLS-SUPPORT@ec.europa.eu