RESEARCHER MOBILITY AND TRANSPORT AREA (SPECIALISATION IN ARTIFICIAL INTELLIGENCE)

Bizkaia talent

Company Description

DeustoTech – Technological Institute of Deusto (http://deustotech.deusto.es/) is the technological research centre of the University of Deusto, located on the Bilbao campus, whose mission is to promote research, training and knowledge transfer at the service of society and industry. DeustoTech is currently involved in 18 European projects (H2020 and Horizon Europe) and fosters a creative and challenging environment with international researchers and PhD students. We seek to incorporate a researcher with experience in the area of Computer Science to drive and lead international projects, coordinate multidisciplinary and diverse teams, collaborate with partners of recognized prestige, and contribute significantly to scientific progress in this field. The University of Deusto supports the inclusion of people with disabilities. Therefore, it encourages this condition to be reflected in the candidacies in case of having a disability certificate equal to or greater than 33%.
https://youtu.be/5PhVCpr76oo

Information

- Deadline: 2023-03-21
- Category: Academia
- Province: Bizkaia
- Country: Basque Country
- City: Bilbao

Company

Universidad de Deusto

Deusto

Main functions, requisites & benefits

Main functions

Among the activities to be carried out are: Identify opportunities and trends in research in the field of the application of Artificial Intelligence and Computer Science for the improvement of transport and mobility. Conceive and design proposals for national and international projects. Lead the execution of projects coordinating multidisciplinary work teams. Establish links and collaborate with other public and private entities nationally and internationally. Promote the scientific dissemination of research results and their transfer to society and industry

Requisites

PhD in computer engineering, computer science, mathematics or related areas. Demonstrable experience in the management and development of projects related to the application of Artificial Intelligence techniques, preferably in one or more of the following lines of research: Optimization Machine Learning Deep Learning Reinforcement Learning Minimum experience of 5 years as a PhD. Demonstrated ability to obtain competitive funding for research, as well as experience in technology transfer initiatives. Knowledge of the European system of public funding for the financing of R & D projects. Scientific and/or technical publications such as papers in JCR journals or communications at national and international conferences. High level of spoken and written English. THE FOLLOWING WILL BE ASSESSED: Experience in Machine Learning and Deep Learning frameworks such as KERAS, TensorFlow, PyTorch, etc. Extensive experience in scientific programming (Python, R, Matlab...) Experience in sectors such as traffic management, multimodal mobility, and connected and autonomous vehicles, among others. Stays in reference research centres. Ability to work in multidisciplinary teams. Capacity for change, flexibility and versatility. Availability to travel.

Benefits

Incorporation into the organization to Full Time in spring 2023. The economic conditions will be according to the experience and knowledge provided by the candidates. The position is initially funded for 3 years from the date of joining. Another 2-3 year extension based on the availability of funding in the group. This is a group with a strong record in fundraising from EU funded projects: TIMON (2015-2018, GA:636220), POSTLowCIT(2016-2019, GA: 2015-EN-TM-0239-S), LOGISTAR (2018-2021, GA: 769142), SENATOR (2020-2024, GA: 861540), MOMENTUM (2019-2022, GA: 815069)), TANGENT (2021-2024, GA 955273), SOTERIA (2022-2026, GA: 101077433) and CONDUCTOR (2022-2025, GA 101077049)