Postdoc position (2 years) at UOC AIWELL Research group at the eHealth Center

We offer a postdoc position for 2 years for candidates holding a PhD in Computer Vision. The gross salary is regulated by the Ministerio de Ciencia y Competitividad (Spain), since the position is partially founded by a Grant from the Ministerio.

Important dates

- Deadline to express interest: if you are interested in this position we would like to hear from you as soon as possible. We will start the interview process by September 1st, although we might interview some candidates by the end of July. The hard deadline to express interest is September 22rd, 2022.
- Starting date: September 2022 - November 2022.

Contact

If you are interested in this position please send an e-mail to [Agata Lapedriza](mailto:alapedriza@uoc.edu) (alapedriza@uoc.edu) with subject "Postdoc at AIWELL" expressing your interest.

Agata Lapedriza is a professor at Universitat Oberta de Catalunya (UOC) and a Research Affiliate at the Massachusetts Institute of Technology (MIT). At UOC she leads the Artificial Intelligence for Human Well-being (AIWELL) research group. She has been collaborating with MIT since 2012. From 2012 to 2015, she was a visiting professor at MIT Computer Science and Artificial Intelligence Lab, where she worked on Scene Recognition and Interpretable Models in Computer Vision. From 2017 to 2020 she was a visiting professor at MIT Medialab, where she worked on Emotion Perception and Social Robotics. More recently she was a visiting professor at Google, USA (2020-2021). Her current research interests are related to Computer Vision, Affective Computing, and Explainable Artificial Intelligence. She is also interested in the applications of these research fields to Health, Social Robotics and, more generally, Artificial Intelligence for the social good.

Requirements

- PhD on Machine Learning, Deep Learning, Computer Vision and/or Natural Language Processing (NLP).

- Proficiency with Python language and the main libraries related to Data Analysis and Machine Learning, such as NumPy, Pandas, or Scikit-learn.
- Proficiency with any of the Deep Learning frameworks, such as Tensorflow and/or PyTorch.
- Interest in Human-Centered Computer Vision / NLP. Interest in topics like human behavior understanding, facial expression analysis, body pose analysis, emotion perception, social robotics. Experience in these topics will be valued.
- Good level of spoken and written English.
- Good communication skills.
- The postdoc position is partially funded by a Grant from the Ministerio de Ciencia y Competitividad (Spain). This grant has some additional requirements on the candidate, and one of them is that the candidate has to be under 30 years old on the starting date of the contract.

More details about the project

This position will allow partial flexibility for the postdoc to do research in areas related to the following research topics: human behavior understanding, facial expression analysis, body pose analysis, emotion perception, social robotics. The postdoc will partially work in a motivating funded project (*) related to improving the skills of social robots to interact with humans in a more fluent and natural way. One of the main goals of the project is enhancing the capacity of social robots to perceive human emotional expressions and to respond appropriately to them.

For this research we follow the [Ethics guidelines for trustworthy Artificial Intelligence](#) of the European Union.