PhD Position - Call for applications

The Universitat Politècnica de València (UPV) as part of the Collaborative Doctoral Partnership (CDP) with the European Commission's Joint Research Center (JRC) is looking for a highly motivated candidate for a PhD position in Machine Learning (ML). The position has a special focus on fairness, transparency and accountability of ML, Natural Language Processing and Social Media Sentiment Analysis. The outcomes from the PhD are expected to contribute to the tools currently in use by JRC. In particular this research is framed in the context of the HUMAINT (Human behavior and Machine Intelligence) team and AI WATCH initiative of the European Commission to monitor the uptake and impact of AI in Europe[1].

The doctoral student will spend time at both the UPV, supervised by professors of the Pattern Recognition and Human Language Technology (PRHLT) Research Center[2], and the JRC site located in Seville (Spain), where the research will be carried out in one of its laboratories. The time to be spent at UPV will be agreed at the end of the selection process. In case the candidate needs to complete PhD preparatory courses at UPV, this period will be for a minimum of 6 months during the first semester of the first academic year. The research (part) of the PhD thesis will be carried out in the JRC Seville for the time period (up to) 3 years. While at JRC, the student will be enrolled in University and offered a Grantholder contract[3] by the JRC for the time spend at the JRC (see additionally Guide for Grantholders employed at the Seville site[4]).

UPV Doctoral PhD Program: Computer Science

- The student must meet the program admission requirements UPV Doctoral PhD Program in Computer Science[5]

- Job location: First months in the UPV (València, Spain) (obligatory attendance to PhD preparatory courses if required) and one to three years at: European Commission - Joint Research Center site in Seville (Spain).

- Temporary employment contract covering the doctoral period of the candidate during the stay at JRC. This doctoral position covers a competitive salary for the research work carried out during this period.

- The student will be jointly supervised by UPV and JRC.

- After successfully completing the PhD program conditions, the candidate will be awarded the doctoral degree by UPV.

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[1] http:://ec.europa.eu/knoledge4policy/ai-watch en

[2] http://www.prhlt.upv.es

[3] https://ec.europa.eu/jrc/sites/jrcsh/files/jrc grantholder rules.pdf

[4] https://ec.europa.eu/jrc/en/about/jrc-site/seville

[5] http://www.upv.es/entidades/EDOCTORADO/info/1004670normali.html

Candidates

We are looking for applicants holding a Msc Degree in fields related to Computer Science and Machine Learning. The successful candidate must have strong analytical skills, be proactive, and self-driven with strong problem solving abilities, out-of-the-box thinking.

Moreover:

- Experience and knowledge in ML.

- Interest in fairness, transparency and accountability of ML.

- Interest in researching on the impact of ML on Human behavior.

- Programming experience.

- Professional command of English (both written and spoken).

Candidates must be citizens of one of the EU Member States or from Associated Countries; or citizens of non-EU countries already in possession of a work permit in Spain.

Application for admission

Applicants are required to provide the following documents:

- University Master's degree and official academic record issued by the university where you studied.

- CV describing the relevant research and professional experience and other qualifications held by the applicant.

- Motivation Letter.

- Two recommendation Letters.

- Copy of passport (non-Spanish applicants only) and, if applicable, of the permit to work in Spain for the expected duration of the contract.

- Any publications.

Applications must be submitted through the following procedure by no later than 24.00h on January 31, 2020 to: int_doc@upv.es

Please, put COLLABORATIVE DOCTORAL PARTNERSHIP IN MACHINE LEARNING in the e mail subject line

For further information, please contact Francisco Javier Martínez Sánchez, at int_doc@upv.es