GTTS
Tecnologías Software

Grupo de Trabajo en Tecnologías Software
Tecnologietan Software Lan Taldea
Software Technologies Working Group

Dpto. de Electricidad y Electrónica
Facultad de Ciencia y Tecnología (UPV/EHU)

Universidad   Euskal Herriko
del País Vasco   Unibertsitatea

ZTF-FCT
Zientzia eta Teknologia Fakultatea
Facultad de Ciencia y Tecnología

february 4th,2020

Research contract
Study, development, integration and evaluation of Machine Learning software tools, and production of language resources for Automatic Speech Recognition (ASR) tasks

Applications are welcome for one graduate (Pre-Doc) research contract for the study, development, integration and evaluation of machine learning software tools, and the production of language resources for ASR tasks. The contract will be funded by an Excellence Group Grant by the Government of the Basque Country. Initially, the contract is for 3 months but, if performance is satisfactory, will be extended at least to one year —or even more, depending on the available budget—, with a gross salary of around 30.000 euros/year. The workplace is located in the Faculty of Science and Technology (ZTF/FCT) of the University of the Basque Country (UPV/EHU) in Leioa (Bizkaia), Spain

PROFILE
We seek graduate (Pre-Doc) candidates with a genuine interest in computer science and speech technology. It will be required knowledge and skills in any (preferably all) of the following topics: machine learning (specifically deep learning), programming in Python, Java and/or C++ and signal processing. A master's degree in scientific and/or technological disciplines (especially computer science, artificial intelligence, machine learning and/or signal processing) will be highly valued. All candidates are expected to have excellent analysis and abstraction skills. Experience and interest in dataset construction will be also a plus.

RESEARCH ENVIRONMENT
The Faculty of Science and Technology (ZTF/FCT) of the University of the Basque Country (http://ehu.eus/en/web/ztf-fct) is a very active and highly productive academic centre, with nearly 400 professors, around 350 pre-doc and post-doc researchers and more than 2500 students distributed in 9 degrees.

The research work will be carried out at the Department of Electricity and Electronics of ZTF/FCT in the Leioa Campus of UPV/EHU. The research group hosting the contract (GTTS, http://gtts.ehu.es) has a deep expertise on speech processing applications (ASR, speaker recognition, spoken language recognition, spoken term detection, etc.) and language resource design and collection. If the candidate is interested in pursuing a research career, the contract would be compatible with a master's degree on the topics mentioned above or even a Ph.D. Thesis project within our research group, and further financing options (grants, other projects) could be explored.

The nearby city of Bilbao has become an international destination, with the Guggenheim Bilbao Museum as its main attractor. Still, though sparkling with visitors from worldwide, Bilbao is a peaceful, very enjoyable medium-size city plenty of services and leisure options with a mild weather, not so rainy as the ever green hills surrounding the city might suggest.

APPLICATION

El concurso de méritos se hará público en breve.

Quien quiera ser avisado vía e-mail en el momento en que se convoque, puede enviar un mensaje a german.bordel@ehu.eus con el asunto "GTTS research contract APPLICATION ref. 1/2020"

La fecha prevista para el comienzo del contrato es 01/04/2020