Post-Doctoral Position

Crosslingual word embeddings and knowledge extraction

Title: Post-doc position on semantic enrichment using crosslingual word embeddings

Location: L3i laboratory, La Rochelle, France

Duration: 2 years, with possible extension

Net salary range: 2100€-2300 € monthly

Context: H2020 Embeddia project

Keywords: any-language approaches, word embeddings, named-entity recognition and linking, multilingual event detection, deep/machine learning, statistical NLP, (text) data mining

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Applications are invited for a postdoctoral researcher position on the exploitation of word embeddings for crosslingual text analysis and semantic enrichment. The Embeddia project (Cross-Lingual Embeddings for Less-Represented Languages in European News Media) is a consortium of 9 partners including media and software companies and computer science research labs aiming to improve the crosslingual access to European news contents (see the official Embeddia summary).
In the University of La Rochelle, using novel word embeddings for low-resourced languages, we are in charge of the crosslingual detection and linking of named entities, as well as developing language-independent event detection techniques. The research fellow will first be in charge of building a state of the art of existing related approaches, tools and resources, then to conduct further research and experiments, as well as to participate in the supervision of master students.

The work will be conducted in the informatics, image and interaction laboratory (L3i), within the Horizon 2020 Embeddia project. The L3i is a 100-person computer science laboratory created in 1993, hosted in the heart of the historical and sunny seaside city of La Rochelle.

The context of work is rather vivid, with a growing international team around two H2020 projects, and several international events organised locally (CICLing 2019 in April, a 2-week summer school on document analysis and understanding in July 2019, etc.).

What we search for:

- a PhD in Computer Science, ideally with further postdoctoral experience
- past experience in statistical NLP, IR, or ML
- proven record of high-level publications in one or more of those fields
- fluency in written and spoken English (please note: French-language skills are irrelevant)

Applications including a CV and a one-page research statement discussing how the candidate's background fits requirements and topic are to be sent to by email to antoine.doucet@univ-lr.fr, strictly with the subject "Embeddia postdoc application".

Applications will be reviewed until the position is filled (expected start: ASAP, latest March or April 2019).

Applications will processed in the begining of January 2019.