The Semantic Computing Group at Bielefeld University (CITEC) offers a full-time research position starting on March 1st, 2019 (E13 TV-L, non-permanent position)

Your Tasks

The position is associated to the newly granted project “Pret-A-LLOD” which is funded by the European Commission under the Horizon 2020 program. The goal of the project is to develop new principles for linguistic linked data publishing and to lay the foundations for a sustainable ecosystem of NLP services that exploit Linguistic Linked Data.

The main tasks will be:

- development of prototypes and tools for the automatic induction of grammars (30 %)
- implementation of approaches to meaning composition (30 %)
- implementation and evaluation of web services providing access to the above mentioned functionality via APIs (20 %)
- contribute to the publication and presentation of research results (20 %)

The filling of the position is conditioned on the final approval of the Pret-A-LLOD project.

Your Profile

We expect

- university degree in computer science or computational linguistics
- solid programming skills and experience (e. g. Python or Java)
- strong analytical skills
- demonstrated ability to perform research (e. g. demonstrated via final paper/publications)
- basic knowledge of computational linguistics and natural language processing
- independent, self-reliant and dedicated style of work
- strong organizational and communication skills
- ability to cooperate and to work in a team

Preferable qualifications

- PhD in computer science or computational linguistics/natural language processing
- knowledge of Semantic Web formalisms and methods (RDF, Linked Data, SPARQL)
- knowledge in computational and compositional semantics
- practical experience working with grammars, parsing, meaning composition etc.
- experience with cloud architectures or virtualization (e. g. Docker)

Remuneration

Salary will be paid according to Remuneration level 13 of the Wage Agreement for Public Service in the Federal States (TV-L). As stipulated in § 2 (1) of the WissZeitVG (fixed-term employment), the contract will end after two years. An extension of the contract by two more years is intended pending the availability of corresponding funding. In accordance with the provisions of the WissZeitVG and the Agreement on Satisfactory Conditions of Employment, the length of contract may differ in individual cases. The employment is designed to encourage further academic qualification. In principle, this full-time position may be changed into a part-time position, as long as this does not conflict with official needs.

Bielefeld University is particularly committed to equal opportunities and the career development of its employees. It offers attractive internal and external training and further training programmes. Employees have the opportunity to use a variety of health, counselling, and prevention programmes. Bielefeld University places great importance on a work-family balance for all its employees.

Application Procedure

For full consideration, your application should be received via either post or email (a single PDF) document sent to cimiano@cit-ec.uni-bielefeld.de by November 22nd, 2018. Please mark your application with the identification code: wiss18290. Please do not use application portfolios and send only photocopies of original documents because all application materials will be destroyed at the end of the selection procedure.