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**Engineer - Natural Language Engineering and Computational Linguistics****Engineer**

Posted on 14 Apr 2015

Xerox Research Centre Europe

France, Meylan

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## JOB DESCRIPTION

**Job position in Natural Language Engineering & Computational Linguistics**

XRCE is looking for a **Research and Development Engineer** in the field of natural language engineering and computational linguistics to work in ADL - the Advancement Development Lab. The position is a short-term contract of **6 months**.

The Text processing & Interaction group in ADL brings together competencies in text mining, user interaction & design, and advanced engineering, in order to prototype and transfer technologies to Xerox business groups and customers. The group participates in a number of research transfer projects in data mining, machine translation and parsing with a focus on advanced user interaction systems such as Tangible Interfaces and Virtual Reality. Among others, it considers applications in Legal, Finance, Human resources.

The main focus for this job position is on the development of basic language resources and tools for application to CV mining in the Human Resources domain: the goal is to contribute to the development of a system for supporting recruiters in the review of applicants' CVs received for a published job vacancy.

**Job description:**

- Designing language resources and methods for the analysis of natural language texts, based on the combination of linguistic knowledge and methods possibly including machine learning, rule- based methods and statistical analysis.
- Helping in the implementation or integration of the related natural language processing tools and resources.
- Participating actively in preparing presentations and demos.
- Participating actively in writing reports, invention proposals, etc.

**Application instructions:** To apply, please send a CV and covering letter to via the email "APPLY" button, clearly stating "ADL Short-term position in Natural Language Engineering" in the subject line.

## DESIRED SKILLS AND EXPERIENCE

- Proven knowledge and practice of Natural Language Processing tools, (such as Named Entity Recognizers, Syntactic Parsers, Part-of-Speech Taggers, etc)
- Experience in the development of linguistic resources such as grammar rules, lexicons, resources for syntactic and semantic parsing of texts, etc.
- Good knowledge of a scripting language, ( e.g. Perl).
- Knowledge of a programming language such as Java.
- Very good knowledge of English.
- Welcome knowledge of Git, SVN, Gira, Agile methodologies.

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Researcher - Infectious Disease Modeling ✕  
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- Enthusiastic approach to applied research and technology transfer.
- Welcome experience in working in a multidisciplinary team.

The preferred candidate should hold a master or engineering degree in computational linguistics or NLP, but we do not exclude candidates holding a PhD degree and wanting to work in technology transfer and applied research for business applications.

Disciplines: [Human-computer Interaction](#), [Programming Languages](#), [Computer Engineering](#), [Computational Linguistics](#)

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