

Public service fixed-term scientific engineer ANR ContentCheck project - LIRIS BD

February 12, 2018

1 General information

Thematic	: Fact checking platform
Domains	: Databases, Semantic Web, Scientific Workflows, Data Mining
Level of qualifications required	: Graduate degree or equivalent
Place	: INSA de Lyon, Campus de La Doua - Villeurbanne, France
Date of taking office	: june 15, 2018 (adaptable)
Duration of the contract	: 12 month
Closing date of applications	: march 16, 2018

2 Contacts

Institution	: INSA Lyon https://www.insa-lyon.fr
Laboratory	: LIRIS https://liris.cnrs.fr/
Research teams	: Bases de Données https://liris.cnrs.fr/bd/ Data Mining, Machine Learning http://liris.cnrs.fr/dm21/
Recruiter	: Philippe LAMARRE Philippe.LAMARRE@INSA-Lyon.fr http://www.philippe-lamarre.fr

3 About LIRIS

LIRIS (Laboratoire d'InfoRmatique en Image et Systèmes d'information) was created in 2003 through the merging of several former laboratories involved in Communication and Information Technology research.

The laboratory involves 320 researchers from INSA de Lyon, Université Claude Bernard Lyon 1, Ecole Centrale de Lyon, Université Lumière Lyon 2 and CNRS. The laboratory is organized in six areas of skills of 20-25 permanents. Each of the 14 research teams belongs to one of these areas: Computer Vision and Pattern Recognition ; Geometry and modeling ; Data Science ; Services, Distributed Systems, and Security ; Simulation, virtuality, and computational sciences ; Interactions and cognition.

<https://liris.cnrs.fr/>

4 Context

This mission is in the context of the ANR project ContentCheck

(<https://team.inria.fr/cedar/contentcheck/>).

This collaborative project, funded by the ANR, brings together academic laboratories specialized in data management, natural language processing, automated reasoning and data mining, as well as a team of journalists from a major French media. We approach the problem of “ FackChecking ” as a problem of content management to set up new models, deploy new algorithms and to push further verifications in interaction with journalists.

List of partners :

- INRIA Saclay - Ile-de-France (CEDAR team, INRIA - Centre de recherche Saclay - Ile-de-France et École polytechnique)
- INSA LYON (DB and DM2L teams - LIRIS, Institut National des Sciences Appliquées de Lyon - Laboratoire d’Informatique en Images et Systèmes d’information)
- CNRS-LIMSI (Laboratoire d’Informatique pour la Mécanique et les Sciences de l’Ingénieur)
- Société éditrice du Monde (Les Décodeurs, <http://www.lemonde.fr/les-decodeurs/>)
- UR1-IRISA (Université Rennes 1 - IRISA)

5 Assignment

The recruited person will work on the integration of solutions developed within the project to realize an ergonomic prototype assisting journalists in various tasks such as: finding data sources adapted to a given task, checking and putting into perspective an affirmation, dissemination of results. . .

Collaborations : The recruited person will collaborate with the partners involved in the project.

6 Main activities

- Integration of research prototypes,

- Data modeling involved in, and exploited for, fact-checking journalism,
- Design and development of interfaces,
- Writing of documentations and reports in English,
- Presentation of progress to partners,
- Possible mentoring of trainees.

7 Skills

- Excellent level in modeling and programming,
- Very good relationship,
- Good level in written English,
- Skills in databases, data warehousing, data mining, web technologies will be appreciated.

8 Remuneration

Public service fixed-term contract. Remuneration de 2.600€ gross monthly.

9 Benefits package

- Subsidized catering possible on site,
- Public transport partially reimbursed.

10 Conditions for application

This position is likely to be situated in a restricted area (ZRR), as defined in Decree No. 2011-1425 relating to the protection of national scientific and technical potential (PPST). Authorization to enter an area is granted by the director of the unit, following a favorable Ministerial decision, as defined in the decree of 3 July 2012 relating to the PPST. An unfavorable Ministerial decision in respect of a position situated in a ZRR would result in the cancellation of the appointment.

11 How to apply

Send a detailed CV along with a cover letter to Philippe LAMARRE:
Philippe.LAMARRE@INSA-Lyon.fr