

Offre n°2024-07454

Postdoc on Contextual Information Inference for Argument Mining

Le descriptif de l'offre ci-dessous est en Anglais

Niveau de diplôme exigé : Thèse ou équivalent

Fonction : Chercheur contractuel

A propos du centre ou de la direction fonctionnelle

The Inria centre at Université Côte d'Azur includes 37 research teams and 8 support services. The centre's staff (about 500 people) is made up of scientists of different nationalities, engineers, technicians and administrative staff. The teams are mainly located on the university campuses of Sophia Antipolis and Nice as well as Montpellier, in close collaboration with research and higher education laboratories and establishments (Université Côte d'Azur, CNRS, INRAE, INSERM ...), but also with the regional economic players.

With a presence in the fields of computational neuroscience and biology, data science and modeling, software engineering and certification, as well as collaborative robotics, the Inria Centre at Université Côte d'Azur is a major player in terms of scientific excellence through its results and collaborations at both European and international levels.

Contexte et atouts du poste

Within the framework of a partnership (you can choose between)

- not applicable,
- collaboration between 2 Inria teams: *****,
- collaboration ({team_Inria} and the start-up *****),
- project/programme/European fund *****,
- public with {French National Research Agency (ANR), local and regional authorities, academic partners, *****}
- value-creation and technology transfer contracts with *****

a package/model/prototype/application/interface/infrastructure/other specify *****
more specifically dedicated to *****.

Is regular travel foreseen for this post ? "Do not hesitate to make this known and to ensure that "travel expenses are covered within the limits of the scale in force".

Mission confiée

In the context of the CIAM project (Contextual Information Inference for Argument Mining), funded through the France 2030 investment plan managed by the National Research Agency (ANR), as part of the Initiative of Excellence Université Côte d'Azur, aiming to enhance the robustness of argument mining techniques through the synthesis of contextual information relevant to multimodal aspects of communication.

We invite doctoral candidates nearing completion of their thesis and young PhD graduates to apply for a postdoctoral position on "Improving Argument Mining through the Synthesis of Contextual Information" (12 months).

Principales activités

Understanding argumentative structures in natural language inputs is a key step for many tasks in the field of Natural Language Processing (NLP), such as automatic summarization or analysis of political debates. Although significant progress has been made with the advent of pre-trained language models, they do not always grasp all the linguistic knowledge necessary for fine contextual understanding and the establishment of relevant inferences. Faced with these limitations, our project aims to explore the inclusion of linguistic analysis dimension related to pragmatics. This approach is particularly innovative because pragmatics, due to its complexity in formalization, has been scarcely studied from a computational perspective. It is through the use of the latest cutting-edge prompting techniques that we aim to overcome the pitfalls of existing methods, such as cultural variability and implicit knowledge.

Compétences

Technical skills and level required :

Languages :

Relational skills :

Other valued appreciated :

Avantages

- Subsidized meals
- Partial reimbursement of public transport costs
- Leave: 7 weeks of annual leave + 10 extra days off due to RTT (statutory reduction in working hours) + possibility of exceptional leave (sick children, moving home, etc.)
- Possibility of teleworking and flexible organization of working hours
- Professional equipment available (videoconferencing, loan of computer equipment, etc.)
- Social, cultural and sports events and activities
- Access to vocational training
- Contribution to mutual insurance (subject to conditions)

Rémunération

Gross Salary: 2788 € per month

Informations générales

- **Thème/Domaine** : Représentation et traitement des données et des connaissances Systèmes d'information (BAP E)
- **Ville** : Sophia Antipolis
- **Centre Inria** : [Centre Inria d'Université Côte d'Azur](#)
- **Date de prise de fonction souhaitée** : 2024-10-01
- **Durée de contrat** : 1 an, 1 mois
- **Date limite pour postuler** : 2024-05-03

Contacts

- **Équipe Inria** : [WIMMICS](#)
- **Recruteur** :
Ollagnier Anaïs / anaïs.ollagnier@inria.fr

A propos d'Inria

Inria est l'institut national de recherche dédié aux sciences et technologies du numérique. Il emploie 2600 personnes. Ses 215 équipes-projets agiles, en général communes avec des partenaires académiques, impliquent plus de 3900 scientifiques pour relever les défis du numérique, souvent à l'interface d'autres disciplines. L'institut fait appel à de nombreux talents dans plus d'une quarantaine de métiers différents. 900 personnels d'appui à la recherche et à l'innovation contribuent à faire émerger et grandir des projets scientifiques ou entrepreneuriaux qui impactent le monde. Inria travaille avec de nombreuses entreprises et a accompagné la création de plus de 200 start-up. L'institut s'efforce ainsi de répondre aux enjeux de la transformation numérique de la science, de la société et de l'économie.

L'essentiel pour réussir

There you can provide a "broad outline" of the collaborator you are looking for what you consider to be necessary and sufficient, and which may combine :

- tastes and appetencies,
- area of excellence,
- personality or character traits,
- cross-disciplinary knowledge and expertise...

This section enables the more formal list of skills to be completed and 'lightened' (reduced) :

- "Essential qualities in order to fulfil this assignment are feeling at ease in an environment of scientific dynamics and wanting to learn and listen."
- " Passionate about innovation, with expertise in Ruby on Rails development and strong influencing skills. A thesis in the field of **** is a real asset."

Attention: Les candidatures doivent être déposées en ligne sur le site Inria. Le traitement des candidatures adressées par d'autres canaux n'est pas garanti.

Consignes pour postuler

Sécurité défense :

Ce poste est susceptible d'être affecté dans une zone à régime restrictif (ZRR), telle que définie dans le décret n°2011-1425 relatif à la protection du potentiel scientifique et technique de la nation (PPST). L'autorisation d'accès à une zone est délivrée par le chef d'établissement, après avis ministériel favorable, tel que défini dans l'arrêté du 03 juillet 2012, relatif à la PPST. Un avis ministériel défavorable pour un poste affecté dans une ZRR aurait pour conséquence l'annulation du recrutement.

Politique de recrutement :

Dans le cadre de sa politique diversité, tous les postes Inria sont accessibles aux personnes en situation de handicap.