



Offre n°2025-09148

Front-end and back-end web development for corpora annotation and exploitation

Type de contrat : Fixed-term contract

Niveau de diplôme exigé : Graduate degree or equivalent

Autre diplôme apprécié : PhD

Fonction : Temporary scientific engineer

Niveau d'expérience souhaité : Up to 3 years

Contexte et atouts du poste

This position is available as part of the Autogramm project which is funded by the ANR. Project partners include the Modyco team (Paris Nanterre), LaCiTo (CNRS), LISN (Université Paris-Saclay) and Inria Centre at Université de Lorraine.

The role involves participating in the development of web tools linked to the Autogramm project. This involves continuing to maintain and develop the ArboratorGrew tool, as well as developing a new tool to exploit the research results produced by the project.

The post is based in Nancy, but regular travel to Paris to meet the other project partners is planned. Travel expenses will be covered within the limits of the current scale.

Mission confiée

The aim of the ANR Autogramm project (autogramm.github.io) is to automate observations on languages based on annotated data.

The project also promotes the development of treebanks for under-endowed languages, in order to extract descriptions for these languages.

With the help of the researchers involved in the ANR Autogramm project, the person recruited will be required to manage the evolution of existing tools and the development of new tools specific to the project, in particular grammar extraction tools; these tools are currently prototypes that will need to be made available to the community.

Given the variety of users (the project researchers are computer scientists and linguists in the field), all the tools are available in the form of web services. The project website provides a summary of the scientific objectives and links to the tools that will be at the heart of the missions (in particular ArboratorGrew and Grew-match).

We are looking for a full-stack developer with an interest in languages. Knowledge of web technologies is desirable, particularly backend technologies such as Python (Flask, Django, etc.) and frontend technologies such as JavaScript (Vue.js, React, etc.).

The engineer will be in contact with these different types of users and will need to collaborate with them to adapt the tools to their needs and provide support.

They will be responsible for coordinating developments with the project's researchers, doctoral and postdoctoral students, and will participate in the supervision of trainees.

Principales activités

Main activities:

- Coordinating the maintenance of existing tools
- Developing new features (e.g. grammar extraction)
- Leading a user community
- Assisting users (organising training)

Additional activities:

- Contributing to the promotion of the results (publications)
- Writing documentation

Compétences

Technical skills and level required :

- Engineering level or Master's degree in IT or Natural Language Processing
- Front-end and back-end web development (mastery of one or more of the project technologies is desirable: Vue.js, quasar, flask)
- Knowledge of development methodologies: non-regression testing, git, github and continuous integration systems.

Languages :

- Good command of English or French

Other valued appreciated :

- Linguistics

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 (after 6 months of employment) 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
- Social security coverage

Rémunération

From €2692 gross/month depending on qualifications and experience

Informations générales

- **Thème/Domaine** : Language, Speech and Audio
Web development (BAP E)
- **Ville** : Villers lès Nancy
- **Centre Inria** : [Centre Inria de l'Université de Lorraine](#)
- **Date de prise de fonction souhaitée** : 2025-11-01
- **Durée de contrat** : 12 months
- **Date limite pour postuler** : 2025-08-11

Contacts

- **Équipe Inria** : [SEMAGRAMME](#)
- **Recruteur** :
Guillaume Bruno / bruno.guillaume@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

An interest in a multidisciplinary environment (IT, applied linguistics, field linguistics) would be appreciated.

A taste for working in a research environment would be a valuable addition. A thesis in the field would be 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.