2018-00266 - Extension of a collaborative platform for managing citizen debates

**Contract type:** Public service fixed-term contract  
**Level of qualifications required:** Graduate degree or equivalent  
**Function:** Temporary scientific engineer  
**Level of experience:** Recently graduated

**Context**

The engineer position takes place in the context of a collaboration with the startup [Bluenove](http://bluenove.com/).

Bluenove develops the collaborative platform [Assembl](http://bluenove.com/) to manage citizen debates about societal issues. The collaboration with the INRIA team [Almanach](http://bluenove.com/) aims to extend Assembl with intelligent modules for a better management and exploitation of the discussions. These modules will in particular rely on fine-grained linguistic analysis of the discussions using NLP tools and will need to be integrated within Assembl.

**Assignment**

**Assignments:**

- to facilitate the integration of NLP and AI modules within Assembl (clean APIs, access to forum data and external data [linked data, data streams, aggregators], communication with participants and moderators)
- to participate to the evaluation of several technologies, for example for managing chatbots or for using speech recognition
- to help the INRIA-Bluenove post-doctorant in software developments and experimentations.
- to progressively integrate the first modules in production mode for a few test debates
- to get feedback from the participants about these modules.

**Collaboration:**

The recruited person will work in close interaction with the postdoctorant recruited for the INRIA-Bluenove collaboration, but also with the development teams at Bluenove and with some members of the Almanach team (in particular Eric de la Clergerie).

**Main activities**

**Examples of activities:**

- Analyse the requirements of {partners, clients, users}  
- Propose **** solutions for ****  
- Develop programs/applications/interfaces of ****/****
• Design experimental platforms
• Write documentation
• Write reports
• Write ****
• Test, change up until validation
• Distribute the **** to **** via ****
• Provide user training for the service’s main clients
• Lead a user community
• Present the works’ progress to partners, ****to an audience of financiers ****
• Other ****

Skills
Technical skills and level required :
  • excellent programming skills, specially on WEB technologies
    javascript/CSS frameworks, [SQL] databases, WEB APIs [REST, websockets, ...], XML/RDF
  • knowledge in NLP and/or Machine Learning
  • knowledge of Python and/or Perl
Languages : good level in French or English
Relational skills : working with a team
Other valued appreciated :

Benefits package
• Subsidised catering service
• Partially-reimbursed public transport

Remuneration
Defence Security :
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).Authorisation to enter an area is granted by the director of the unit, following a favourable Ministerial decision, as defined in the decree of 3 July 2012 relating to the PPST. An unfavourable Ministerial decision in respect of a position situated in a ZRR would result in the cancellation of the appointment.

General Information
• Theme/Domain : Language, Speech and Audio
  Web development (BAP E)
• Town/city : Paris
• Inria Center : CRI de Paris
• Starting date : 5/1/18
• Duration of contract : 12 months
• Deadline to apply : 4/30/18

Contacts
• Inria Team : ALMANACH
• Recruiter :
  Villemonte De La Clergerie Eric / eric.villemonte_de_la_clergerie@inria.fr

Conditions for application
Defence Security :
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**Recruitment Policy:**
As part of its diversity policy, all Inria positions are accessible to people with disabilities.

**Warning:** you must enter your e-mail address in order to save your application to Inria. Applications must be submitted online on the Inria website. Processing of applications sent from other channels is not guaranteed.