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  
**Fonction:** 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 to manage citizen debates about societal issues. The collaboration with the INRIA team Almanach 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:**

The main objectives of the position are:

- 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 ****

**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(clericgerie@inria.fr

**Conditions for application**

**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.

**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.
**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**

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