2018-01033 - R&D technical project manager

Renewable contract: Oui
Level of qualifications required: Graduate degree or equivalent
Function: Temporary scientific engineer

Context

Inria Nancy – Grand Est is seeking a project manager for a new European (H2020 ICT) collaborative project on voice interaction called COMPRISE. The successful candidate will be part of the Multispeech team, which gathers 40 researchers (faculty, postdocs, PhD students), and software engineers in the field of speech and audio processing. The team is very international and English is the working language.

COMPRISE is a 3-year R&D project aiming at new cost-effective, multilingual, privacy-driven voice interaction technology. This will be achieved through research advances on privacy-preserving data collection, weakly-supervised learning, and tighter integration of speech and dialogue processing with machine translation, as well as the development of a holistic easy-to-use SDK interpreting with a cloud-based platform. The technology will be based on existing software toolkits (Kaldi speech-to-text, Plato dialog processing, Tilde text-to-speech), as well as new speech and language processing and machine learning software to be developed by the researchers and the software engineers involved in the project. It will be demonstrated for three sectors with high commercial impact: smart consumer apps, e-commerce, and e-health.

The consortium includes 30 researchers and software engineers from 6 academic and industrial partners in France (Inria, Netfective Technologies), Germany (Ascora, Saarland University), Latvia (Tilde), and Spain (Rooter). Frequent travel to visit partners is required (up to 5 times a year).

Assignment

The project manager will be responsible for animating and orchestrating all aspects of the project, in daily collaboration with the project coordinator, Emmanuel Vincent, and in close cooperation with the partners of the COMPRISE consortium, Multispeech's administrative assistant, and Inria's support staff (HR, finance, legal, travel, communication).

Besides the management of COMPRISE, the successful candidate will be expected to devote about half of his/her time to other activities relevant to Inria Nancy – Grand Est. Depending on his/her expertise and wishes, these activities may include but are not limited to: management of R&D projects in other fields of computer science (e.g., robotics, data mining, virtual reality, BC, security, etc.), involvement in software and technology development and demonstration tasks, building of industry relationships, participation in the setup of academic-industry collaborations, support with drafting and proofreading new project proposals, etc.

Main activities

As the project manager of H2020 COMPRISE (half-time):
- Provide the means for efficient coordination and collaboration within the consortium
- Animate and review scientific and technological progress
- Contribute to writing and reviewing project reports and software
- Lead the project's dissemination and communication activities
- Lead Inria's software development and demonstration tasks
- Prepare and participate in consortium meetings
- Monitor Inria's HR, financial, and legal issues, in connection with Inria's support staff.

Other activities, depending on the candidate's expertise and wishes (half-time):
- Manage R&D projects in other fields of computer science
- Contribute to other software and technology development and demonstration tasks
- Participate in building new industry relationships
- Participate in the setup of academic-industry collaborations
- Contribute to drafting and proofreading new project proposals.

Skills

Ideal profile:
- MSc or PhD in speech and language processing, machine learning, or a related field
- Excellent software engineering and programming skills (getlab, agile methods, etc)
- Excellent project management and community building skills
- Excellent online/face-to-face communication and event organization skills
- Previous involvement in collaborative R&D projects or in writing project proposals
- Interest for software and technology development in other fields of computer science
- Interest for academic-industry partnerships and international cooperation
- Fluent English

We do not require candidates to fulfill all criteria. Candidates which do not fulfill all criteria (e.g., MSc or PhD in another field, no previous involvement in writing project proposals, etc) are welcome to apply and/or to contact the coordinator prior to applying.

Benefits package

- Subsidised catering service
- Partially-reimbursed public transport
- Social security
- Paid leave
- Flexible working hours
- Sports facilities

General Information

- Town/city: Villers-lès-Nancy
- Inria Center: CRI Nancy - Grand Est
- Starting date: 2018-12-01
- Duration of contract: 3 years
- Deadline to apply: 2018-10-12

Contacts

- Inria Team: MULTISPEECH
- Recruiter: Vincent Emmanuel / emmanuel.vincent@inria.fr

About Inria

Inria, the French National Institute for computer science and applied mathematics, promotes "scientific excellence for technology transfer and society". Graduates from the world's top universities, Inria's 2,700 employees rise to the challenges of digital sciences. With its open, agile model, Inria is able to explore original approaches with its partners in industry and academia and provide an efficient response to the multidisciplinary and application challenges of the digital transformation. Inria is the source of many innovations that add value and create jobs.

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). Authorization 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.
Remuneration
From 2562,00€ brut per month