



Offer #2024-08005

Internship Engineering - Web and backEnd development

Contract type : Internship

Level of qualifications required : Graduate degree or equivalent

Fonction : Internship Engineering

Context

iDiscover is a startup incubated by INRIA offering a SaaS service based on an innovative framework, designed to enhance human-machine communication for any application that integrates it. By integrating this framework, applications can move into the other dimension, that of applications that communicate naturally with human.

Assignment

We're looking for talented people with a passion for using recent advancements in web developpement for NLP and prompt engineering to develop a plateform that interact with the framework iDiscover.

Collaboration :

The recruited person will be in connection with the future CEO/CTO of the startup for defining the action plan.

Main activities

Main activities:

- Work with the project team to ensure seamless integration throughout solution development.
- Create and maintain documentation for developed tools.

Additional activities:

- Stay up-to-date with the latest advancements in web developpement
- Basic understanding of the NLP models

Skills

Technical skills:

- Proficient in Python with strong programming skills, including expertise in shell scripting and FastAPI.
- Experience in data visualization using Angular (TypeScript) and Python, particularly in creating interactive dashboards.
- Expertise in developing robust web services with Python, leveraging various design patterns to ensure scalability and maintainability.
- Experience using CI/CD tools.

Additional skills:

- Experience with machine learning frameworks like TensorFlow, PyTorch, or similar.
- Knowledge of machine learning frameworks like TensorFlow, PyTorch, or similar.

Relational skills:

- Self-sufficiency

Langages:

- English (mandatory), French

Benefits package

- 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

General Information

- **Town/city** : Paris
- **Inria Center** : [Centre Inria de Paris](#)
- **Starting date** : 2024-09-09
- **Duration of contract** : 6 months
- **Deadline to apply** : 2024-08-17

Contacts

- **Inria Team** : INCUB-PRO
- **Recruiter** :
Dahhani Abdelhafid / abdelhafid.dahhani@inria.fr

About Inria

Inria is the French national research institute dedicated to digital science and technology. It employs 2,600 people. Its 200 agile project teams, generally run jointly with academic partners, include more than 3,500 scientists and engineers working to meet the challenges of digital technology, often at the interface with other disciplines. The Institute also employs numerous talents in over forty different professions. 900 research support staff contribute to the preparation and development of scientific and entrepreneurial projects that have a worldwide impact.

The keys to success

We are looking for a collaborator who embodies the following essential qualities and skills, combining both necessary and sufficient attributes for success:

Tastes and Appetencies:

- Passionate about discovering web development in the context of NLP and prompt engineering.
- Eager to explore and implement cutting-edge technologies.

Area of Excellence:

- Expertise in the development of web services and their consumption in an Angular application.
- Solid knowledge of Javascript and Python

Personality or Character Traits:

- Innovative and driven by curiosity.
- Strong problem-solving skills and an analytical mindset.
- Excellent communication skills and the ability to work collaboratively in a dynamic team environment.

Cross-Disciplinary Knowledge and Expertise:

- Experience working with interdisciplinary teams and integrating diverse perspectives.
- Ability to translate complex technical concepts into practical solutions.

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.

Instruction to apply

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.

