Offer #2025-08983

Research Engineer Position in Time Series Systems

Contract type : Fixed-term contract

Level of qualifications required : Graduate degree or equivalent

Fonction : Temporary scientific engineer

Context

Main information

- **Role:** Research Engineer – Time Series Systems
- **Location:** École Normale Supérieure (ENS), Paris, France
- **Host Institution:** Inria & ENS
- **Duration:** 2 years
- **Project:** i-Demo **Cyberté** collaboration with **Scality**

Position Overview

We are hiring a **Research Engineer** to support the development and deployment of research prototypes and experimental platforms in the context of **multivariate and streaming time series** analysis. This position is part of the **Cyberté** i-Demo project, conducted in partnership with **Scality**, and hosted at **ENS Paris** in collaboration with **Inria**.

Assignment

You will work closely with a **Postdoctoral Researcher** and the broader project team to implement novel algorithms, manage data pipelines, and contribute to the validation and benchmarking of research outcomes.

Main activities

- Design and implement efficient pipelines for ingesting and processing multivariate time series data
- Build and maintain prototypes and experimental tools for time series indexing, querying, and anomaly detection
- Collaborate on the integration of research outputs into scalable systems
- Support reproducible research: code quality, documentation, and experiment tracking

- Interface with industry partner Scality to align development with practical needs

Skills

- Master's degree (or equivalent experience) in Computer Science, Data Engineering, Data Science, or related field
- Solid programming skills (Python, C++, or Java)
- Familiarity with time series management and analytics systems
- Experience in systems development, benchmarking, or data engineering is a strong plus

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 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

- **Theme/Domain :** Data and Knowledge Representation and Processing Software engineering (BAP E)
- **Town/city :** Paris
- **Inria Center :** Centre Inria de Paris
- **Starting date :** 2025-12-01
- **Duration of contract :** 2 years
- **Deadline to apply :** 2025-08-04

Contacts

- **Inria Team :** VALDA
- **Recruiter :**
  Boniol Paul / paul.boniol@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.

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.