Job description - Lead Developer Back&Front H/F

About StatInf

StatInf started as a project within Inria (Paris), in 2018 and is officially created in 2019. At the start of 2024, StatInf has a team of eleven people proposing its first commercial product: RocqStat™. StatInf's offices are based in Paris (14th arrondissement) with a remote working culture and aims to expand its team in the Paris area.

Our product RocqStat™ is a software solution which assists in the design of embedded systems, allowing its users to optimize and secure the use of the processors on which the programs run. The tool is useful for the timing verification of real-time embedded systems in avionics, space, defense, automotive and transportation industries.

RocqStat™ is adapted to many types of processors. StatInf's goal is to allow its customers to use multi-core processors in critical areas and to help them reduce the development cycle of their embedded systems.

POSITION : Lead Developer Back&Front M/F. Position open to people with disabilities.

CONTRACT: CDI

WORKING TIME: Full time

LOCATION: Paris (14e) - Partial remote (Full remote negotiable, but with regular - monthly - meetings in Paris)

EXPERIENCE: min. 5 years

TRAVELS : Occasional

The mission

StatInf is accelerating the construction of its RocqStat™ solution, and needs to implement a strategy for industrializing its code base. In order to do this, we are looking for an experienced profile, having already participated in the implementation of good development practices in a company. The mission is as follows:

- Become the development referent and install the development culture within our company (implement best practices, consolidate the knowledge base and monitor team progress)
- Validate/Adjust our technological choices and help them evolve over time
- Participate in the development of the RocqStat™ solution
- Manage and mentor our junior developers
- Manage the technical team's roadmap, prioritizations and deliveries in partnership with the product team

- Work with our scientific team to understand the performance and quality issues expected of RocqStat™

Our technical stack (which will continue to evolve, thanks to you)

- C & C++
- Python
- Crystal

A good understanding of low-level code mechanics (assembler and compilation) is appreciated.

Required profile

1. Mindset and skills required:
   - ✔ Quality and methodology
     - o You know how to encourage code and test practices and follow them up within your team.
     - o You are able to support more junior profiles to make them autonomous in their tasks
   - ✔ Project Management
     - o You know how to support your team in achieving realistic objectives, taking into account the product and the human context
     - o You can concisely and concisely report to non-developer decision-makers
   - ✔ Technical experience
     - o You have already taken part in (or been at the origin of) decisions concerning your company's technological choices
     - o you already spent time as a developer for a software solution
   - ✔ French and English
     - o We are a French company: most of our discussions are in French, unless we have non French speakers in the conversation
     - o We are working in an international context: all of our external documentation is in English and we have daily discussions in English
     - o Consequently, French speaking (native or not) is appreciated, English speaking is mandatory
   - ✔ Git & Github: we are using Github to develop and maintain our code. Part of it is open source, the rest is not. We need to work with someone who is familiar with the use of this solution.

2. The things that will make the difference:
   - ✔ You are particularly interested in technological and scientific news;
   - ✔ You are able to present your analyses clearly and simply, both orally and in writing;
   - ✔ You know how to deal with strategic and sensitive issues among your company;
   - ✔ You have an interest in open-source culture;
   - ✔ You are familiar with industrialization processes in C++ language
   - ✔ You have some technical knowledge regarding OS and GPU computing

Why work at StatInf?

★ StatInf is a company aiming to revolutionize the world of embedded systems. Your work will help make safer cars, planes and spacecrafts!

★ We're committed to diversity. Gender equality, equal pay, diversity of origins, personalities and personal experiences are very important topics for us.

★ We have a very remote-oriented culture, onboarding and team follow-up adapted to the current context. We also have a nice office!

Interview procedure :

1. An interview with the technical team with a technical test
2. A more operational interview to answer your questions and refine your job description

If you recognize yourself, don't hesitate sending your application to jobs@statinf.fr