JOB OFFER

(Senior) Software Engineer (M/F)

$\longrightarrow$ Contract type: **CDI** permanent, full time (40 hours per week)

About DataThings

Founded in 2017 as a spin-off of the Interdisciplinary Center for Security, Reliability and Trust (SnT) of the University of Luxembourg, DataThings is specialized in data processing solutions, from storage to machine learning, for large and small datasets. DataThings edits and sells three software products and provides services of training and development of dedicated intelligent software systems to transform data into actionable and valuable insights to support our clients in taking the best operational decisions.

With its headquarters in Luxembourg, DataThings takes advantage of its position in the "heart of Europe", to provide dedicated data processing and machine learning solutions to a wide range of clients, from SMEs to large private companies, as well as to the public sector. DataThings uses its own data platform, called GreyCat, to develop tailor-made data analytics solutions for its clients. Fruit of several years of research and development, the GreyCat platform integrates data storage, processing and analytics in one single tool for increased efficiency in computation and efforts to develop.

Your mission

You will join a highly qualified and multi-disciplinary team having competencies to cover the full development chain of a software system for data processing, including system and network administration, internet of things, embedded computing, image processing, data storage and analytics, machine learning, web development, and integration testing.

Your mission as a (Senior) Software Engineer will consist, among other tasks,

- Participate in the development of our products as wells different client projects.
- Work on large-scale data modelling, organization, (pre-)processing and machine learning tasks.
- Help bringing features from R&D, over testing to large-scale production systems.
- Perform benchmarks, debugging, and quality testing.
- Help to solve hard problems.

Your profile

As a (Senior) Software Engineer you

- You have a master or engineering school degree with a major in software engineering and previous professional experience, ideally a few years.
- You have excellent programing skills in Java, C, or comparable languages.
- You are familiar with asynchronous programming (callbacks, events) and multi-threading.
- You are experienced with data indexing structures (Lists, Maps, Trees, Graphs) and their algorithmic complexities.
- You master packaging (Maven, NPM), versioning (Git), and continuous integration (GitLab, etc.) tools.
- Skills in network and system administration are considered as a plus.
- Skills in Docker, Kubernetes are considered as a plus.
- You are motivated to integrate quickly and work in a dynamic multi-cultural team spirit. You work proficiently in verbal and written English, take initiatives, responsibilities, and can work in independence.

What we offer

- Opportunity to influence and shape a growing start-up
- Entrepreneurial spirit and fast-paced environment in a dynamic atmosphere
- Excellent work environment
- A young, motivated, and talented multicultural team
- Good work life balance
- Challenging projects

In short

→ Contract type: **CDI** - Permanent, full **time** (40 hours per week)
→ Starting date: **As soon as possible**
→ Office location: Close to the central train station in Luxembourg city

If this sounds like you, please can send your application with CV & motivation letter to jobs@datathings.com