INTERDISCIPLINARY PROJECT (IDP)

Databases & Functional Programming in FinTech Start-Up

ABOUT US

While institutional investors use new technologies and cutting-edge algorithms to automate their investment strategies, private investors are still stuck in the last century: manual stock picking. At finenso, we meet the need of our users – the private investors – to be able to create, test, execute and share their own investment strategies through an easy-to-use interface. Our vision is to democratize the financial markets and give everyone the tools to invest like a professional. Join our mission to take private investing to the next era!

YOUR INTERDISCIPLINARY PROJECT

The objective of this IDP is to optimize the performance of the algorithmic trading engine implemented at the fast growing start-up finenso.

Your tasks could be:

- Plan and implement the time series database structure with, for example, InfluxDB and kafka
- Implement efficient strategy calculations across multiple users in a functional programming language, for example Clojure
- Look for and creatively think of opportunities to optimize resource usage within the IT-architecture

YOUR BENEFITS

- Work closely together with the founders, take responsibility and bring in your own ideas
- Build upon our modern tech stack that you can shape as well
- Agile start-up experience in quantitative finance
- Build up your own professional network in the finance sector
- Gain key insights into modern FinTech
- Both single and group projects are possible
- Work flexibly and remotely

YOUR PROFILE

- High interest in functional programming such as Haskell, OCaml, or Clojure
- Interest and motivation to learn about finance and technology (no previous experience or coursework required)
- Strong analytical skills
- Target-oriented, fast-learning and skilled at problem-solving
- Team player with a self-driven personality and a hands-on approach

If this sounds interesting to you, send your CV and transcript to hi@finenso.com. We are looking forward to meeting you!