



## Data Platform and Software Engineer

An AI based quantitative trading firm is hiring a motivated and reliable **data platform, Linux and Python software engineer for the area of high volume data management** on our proprietary Linux platform. We're looking for junior to mid level experience.

The ideal candidate holds an M.Sc. in Computer Science or a related area and has a profound interest in high-performance computing, fully automated trading and/or management of data on the scale of terabytes.

The role includes management of our data platform and integrating new data sources to our factor model and machine learning based trading. We work in Python on Linux based servers using Git, Bitbucket and continuous testing. We manage 80Tb of trade and quote data along with wide range of daily data sources.

We are looking for the following skills, some of which you will learn on the job with us:

- Understanding of Linux operating system, shell scripts, crontab
- Implementation of reliable code in Python in a team environment
- Familiarity with SQL and NoSQL database technologies
- Understanding of TCP/IP and networks
- Team development tools: continuous testing, code reviews, pull requests
- Cloud technologies and out-of-core computing

Financial and trading experience is not required, but you will develop a good understanding of stock markets and electronic trading with us too.

We are located in Madrid on Plaza de España, offer flexible holidays and flexible arrival times to the office. The main language of communication is English, good command of Spanish is a requirement. The position is full time. Salary depends on experience and includes end of year bonus.

CV at [hiring@causality-group.com](mailto: hiring@causality-group.com)