

Blockchain start-up looking for an experienced Quant Developer / Trading Systems Engineer

Start date: Immediate

Location: London or Remote

Contract type: Permanent or Contract-to-perm

Website: www.vega.xyz

We are building a blockchain-based derivatives exchange and are looking for a skilled trading systems engineer to grow with us and make key contributions to the design, formal specification and implementation of the system codebase. This is a great opportunity to join a small, VC-funded start-up based in London's fintech hub.

Our short-term target is ambitious but achievable: to create an early version of a decentralised platform in the coming months. We have a working prototype and are well on our way to delivering the first version of the platform.

ABOUT YOU

You are a front office / quant developer / trading systems engineer with 3+ years of industry experience within an exchange, hedge fund or front office of a top-tier investment bank. You are interested in solving problems related to the intersection of financial trading and distributed systems.

Being a startup, there will be times when the team needs to strive for absolute code quality for production releases, and others when we need to quickly pull together barely-working prototype code to test out an idea. We are looking for someone who can work in both modes as appropriate.

You would be part of a very collaborative team that includes quants, coders and product and market specialists. In this multi-faceted role you will work with the core engineering team, quants and product specialists.

RELEVANT QUALITIES OR EXPERIENCE

Required

- 3+ years of industry experience within an exchange, hedge fund or front office of a top-tier investment bank working as a quant / front office / trading systems engineer .
- Strong software engineering and programming experience ideally with Golang (Go), C++, C# or Python. *Our software is predominantly written in Go and candidates who do not have significant commercial experience with this language will be able to learn from our world class team.*
- Have worked on at least one production codebase that is reasonably large and performant. Strong knowledge of financial markets and exchanges. You are familiar with the execution rules for limit order book based trading and risk management.
- Strong knowledge of computer science fundamentals such as data structures and API design.
- You have experience working with low latency, high throughput trading systems, and are comfortable optimising your code for predictably high performance.

- Ability to take a problem, agree and write down specification, implement and test the solution.
- Ability to communicate technical concepts with other technical & non-technical team members.
- Collaborative and able and willing to work in a “remote first” environment.

Desirable (but not essential)

- Experience working with a blockchain
- You are familiar with the execution rules for limit order book based trading and risk management, order books, margins, stochastic models and Monte Carlo, calibration
- Degree in a numerate discipline (Maths, Physics or Computer Science)
- Interest in or experience with networking (the social kind) / public speaking

BENEFITS

- Competitive salary and compensation
- Opportunity to benefit from the project's overall success
- Directly contribute to a world-class project and shape cutting edge blockchain innovation
- Potential for flexible and remote working
- Inclusive, friendly team

ABOUT US

Vega is building a high-throughput, low-latency platform for decentralised margin trading of financial products. We believe that markets should be open and participants should benefit from a well functioning marketplace.

Our team of 16 are interested in learning from each other and solving complex challenges, with a vibe that can be described as ‘relaxed excellence’. Our professional backgrounds include trading and markets infrastructure, development, academia, and business management.

As we operate cross functional teams, our engineers are fluent in multiple programming languages. We develop using the following tools and technologies:

- Golang
- gRPC
- Tendermint
- Docker
- GIT
- GraphQL
- BadgerDB
- React
- Typescript
- Python
- Terraform

We are an equal opportunity employer and value diversity at our organisation. We do not discriminate on the basis of race, religion, colour, national origin, gender, sexual orientation, age, marital status, veteran status, or disability status.

TO APPLY

Send your CV to jobs@vega.xyz.