

## **Blockchain start-up looking for an experienced Trading Systems / Financial Engineer**

**Start date:** Immediate

**Location:** London or Remote

**Contract type:** Permanent

**Website:** [www.vega.xyz](http://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.

Our short-term target is ambitious but achievable: to create a fully decentralised, open source trading platform. We have had an invite-only testnet live since the start of the year, and are aiming to open that up to the public in the coming months.

### **About you**

You are a Quant / Front office / 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 remote-first, collaborative team that includes quants, coders and product and market specialists. In this role you will mainly work with the core engineering team, quants and product specialists to collaborate on specifications and then write the code to match.

### **About Vega**

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 20 is 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 distributed, cross-functional teams, our engineers are fluent in multiple programming languages. We develop on the following tools and technologies:

- Golang, Python, Typescript
- Tendermint
- gRPC, GraphQL
- Docker, Terraform

## **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.
- Excellent programming skills (Go strongly preferred); you worked on at least one production codebase that is reasonably large and performant.
- You have experience working with low latency, high throughput trading systems, and are comfortable optimising your code for predictably high performance.
- Strong knowledge of financial markets and exchanges. You are familiar with the execution rules for limit order book based trading and risk management.
- Willingness to contribute code upstream to our dependencies, and review pull requests from coders outside the team.
- Strong knowledge of computer science fundamentals such as data structures and API design
- Ability to take a problem, agree and write down a specification to solve it, and implement and test the solution
- Able 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
- Prior experience working remotely
- 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

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](mailto:jobs@vega.xyz).