



# TRADING HUB

**Occupational Areas: Financial Analytics, Banking & Investment, Technology, Data, Computer Science**

**Salary range: Competitive**

**Location: London (EC2) (closest station: Liverpool Street)**

**Role: Head of QA**

## About TradingHub:

TradingHub is a rapidly expanding Financial Services Technology (FinTech) company. Recently the firm was given an award in recognition for our contribution to trade and investment by the Department for International Trade and the UK Board of Trade.

We build cutting edge, AI-assisted, trade analysis software for our clients which consist of banks, hedge funds, asset managers, and other financial services institutions. Our products are used by these organisations to detect financial crime and enhance business performance based on client's day to day trading data. These products include:

- Best execution analysis
- Trader performance profiling and enhancement
- Insider trading and market abuse detection
- Rogue trader detection

Our products are market leading in each category:

- Advanced analytics and machine learning algorithms allow us to perform statistically rigorous analysis on all asset classes in a unique way.
- We use in-house programming languages, optimised for fast and complex analysis of large trade volumes.
- All our tools have an intuitive user interface (built using in-house programming languages) that make it very easy for our clients to access our analysis.

We view ourselves as a disruptive FinTech company that is nimble enough to move fast, innovate quickly and provide a premium level of client service and support.

Initial training will involve bringing you up to speed on our products, teaching you our internal programming language, and making sure that you have all other necessary technical expertise. However, we take a "learn by doing" approach where, as soon as possible, you will be assigned real tasks and adding value to the company.

This is an incredibly exciting time to be part of TradingHub. In the past year we have doubled in size and, with increasing interest in our products from all over the financial world, this is the perfect time to get involved.

## **Head of QA**

### **Job description:**

Remit of the role: "Chief developer in test abstraction"

This is a unique role for someone with a software development background to design a novel framework for verifying that our software is correct through formal verification methods, static analysis and auto generating tests.

We use a lot of inhouse compilers and runtime code generation tools in order to prevent certain classes of bugs. However, we are interested in expanding this in order to make certain bugs impossible/rarer. An example of an existing tool to do this is our deadlock preventing lock objects, which can only be acquired in a certain order and which the C# compiler will not allow to be defined with cycles in their hierarchy.

Whilst certain categories of bugs can be prevented **by construction**, others (particularly UI related bugs) may be harder to solve. Ideally, solutions will make extensive use of the meta-data associated with our software in order to synchronise tests to the software stack.

The role will work with our CTO and Lead Engineers to build out the QA function from scratch. You will have lots of autonomy, though will be sat amongst our very collaborative engineering team. This role will add an incredible amount of value to TradingHub's products and is a great opportunity for an experienced Software Engineer to make their mark on a fast-growing company.

A good candidate will have a strong interest in low level software, potentially including compilers. It is worth noting that, although the role is head of QA, it will strongly appeal to a pure developer given the day to day responsibilities you will have.

Salary is competitive and reflective of experience.

If this is of interest to you please send a covering letter and a cv to [careers@tradinghub.com](mailto:careers@tradinghub.com).

TradingHub is committed to providing equal opportunities and supporting diversity in employment. Diverse teams really are the best teams.