



TradingHub

Graduate Engineer

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

Salary Range: Competitive

Location: London EC2 (closest station: Liverpool Street)

About TradingHub:

TradingHub is a rapidly expanding Financial Services Technology (FinTech) company founded in 2010. Its Headquarters are based in central London and it has further offices in New York, Hong Kong and Toronto.

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 the 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 of all asset classes uniquely
- 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 agile enough to move fast, innovate quickly and provide a premium level of client service and support.

Summary of role:

We are currently seeking object-oriented developers for a number of our engineering teams at TradingHub. 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 as well as financial 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.

Every day is different. Previous graduates have built powerful internal management tools, tackled sophisticated mathematical challenges involved with extrapolating results from incomplete data, have been involved in the initial analytical design of new products and a myriad of other fascinating projects. Now is an incredibly exciting time to be part of TradingHub.

Teams we are hiring for include:

- **Fabric:** The fabric team designs the proprietary, cutting edge core software framework that underpins TradingHub's solutions. This includes our big-data processing framework, our No-SQL data storage solution and our UI delivery framework. Successful candidates will need excellent critical thinking ability, a drive for abstraction and attention to detail. The work will attract applicants who are deeply interested in how computers, compilers and software frameworks operate at a fundamental level.
- **UI** – The UI team works on the front-end of our cloud-hosted, financial crime detection using a technology stack that is highly innovative. We use C# in the front-end, which is transpiled to JavaScript at runtime. Our backend is a mix of classic relational databases, as well as a custom-designed NoSQL data store optimised for write once, read many operations. We also make heavy use of code generation to automate repetitive tasks. A successful candidate would spend most of their time working on the front-end and server-side components of our websites, and be comfortable enough to propose new approaches and ideas.
- **CXO** - This team builds all of the internal tools for each TradingHub team. As a business, we do not rely on third-party products/software, so this role will allow a great deal of autonomy and creative license in developing the next generation of TradingHub tools. It will likely appeal to candidates from a programming/Computer Science background, and you will ideally have some demonstrable experience with C#/C++ or C. However, Java/Python are also useful as we will train you to use our proprietary coding language. This role probably would suit someone who is very technical and will enjoy solving problems whilst giving consideration to performance.

If this is of interest to you, please send a covering letter and a CV to careers@tradinghub.com
TradingHub is committed to providing equal opportunities and supporting diversity in employment.
Diverse teams are the best teams.