TradingHub

SECURITY 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 is in 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 nimble enough to move fast, innovate quickly and provide a premium level of client service and support.

Summary of role:

We are looking for an exceptional Security Engineer to take the lead with the running and administration of a number of information security programs. In this role, you'll have responsibility for the administration, implementation, and maintenance of TradingHub's cyber security infrastructure, as well as a close relationship with our Legal and Compliance teams in order to disperse best practice behaviour throughout the firm in regards to information security and acceptable use.
The successful candidate will have a demonstrated ability to work in a customer-focused organisation and have experience of playing a key role the development of best practice within InfoSec.

Responsibilities will include:

- Plan, manage and oversee security testing including pentests and internal vulnerability scans.
- Advise internal teams on security decisions across infrastructure, networks, and applications. This includes helping to design complex systems such as planning for a multi-account cloud architecture, with associated security controls.

TradingHub

- Review and assess change requests to key security components such as firewalls and areas of code.
- Work to identify vulnerabilities in systems, assess those vulnerabilities, and work with engineering teams to remediate.
- Maintain a cyber security risk register, design and work with other teams to implement action plans to mitigate risks where appropriate.
- Maintain security process and procedure documentation and contribute to the management of infosec policy.
- Manage and conduct internal security reviews such as access reviews in line with agreed schedules, documenting results and following up on required remediation.
- Monitor logging and event systems, following up on alerts as appropriate.
- Ensuring logging and monitoring systems are configured appropriately so that they produce high quality, low noise findings.

Experience Required:

- Demonstrable industry experience in information and cyber security roles.
- Highly organised, able to keep track of multiple deadlines.
- Good data analytics skills and experience automating data tasks.
- An understanding of computing and networking fundamentals.
- Extremely strong written and verbal communication skills, essential for managing a range of internal and external stakeholders.
- It would be advantageous if you had knowledge of some common vulnerabilities and their mechanisms.
- Likewise, any experience of task automation in any programming language would be great but not essential.

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