HSBC – AI Strategy Researcher

TIN-HSBC-010

About the Organisation

HSBC is one of the world’s leading international banks. With a network that covers 64 countries and territories, HSBC serves our customers through our global businesses, which are supported by our operational and functional teams.

HSBC UK is transforming from a data-rich to data-driven organisation. The Data and Architecture Office (DAO) was established to transform HSBC into a truly data-driven organisation by ensuring that every design decision has a built-in data consideration. DAO provides leadership that enables data and analytics to be a key driver of our business strategy.

Role Description and Responsibilities

Given the Bank’s increasing use of AI, there is a need to ensure cohesive development of AI tools across HSBC in line with a business-driven AI strategy. The AI strategy will encompass all aspects of AI including, but not limited to use case prioritization, governance, responsible use and development, and risk management. The AI strategy will accelerate the Bank’s progress to achieving its goals and objectives through the use of both mature and emerging technologies.

This role will require close collaboration with members of the AI Centre of Excellence (CoE) and members of the broader AI community across the Bank to understand factors such as business and regulatory requirements, ethical and risk considerations, and operational procedures for AI and software. This project will be part of the AI CoE and will require both internal and external research to understand industry trends, emerging technologies and innovative use cases.

Specifically, this project will enhance the organizational AI strategy through tasks such as:

- Enhancement of elements and processes developed in silos that have to date led to an inconsistent approach across HSBC
- Identifying Priority Use Cases
- Integration of various AI Work streams: Responsible AI, AI Governance, and AI Risk Management through framework and strategy development
- AI-related risk appetite: contribute to, and develop guidance on the level of risk HSBC is willing to take through the adoption of AI
- Policies and procedures including third party risk and vendor management to remove inconsistencies in identification and treatment of third party AI

Appropriate support will be provided to the intern to help on the delivery of the above-mentioned tasks. The candidate’s interests and skillset will be taken into consideration and the role can be shaped to better fit those.
**Expected Outcomes**

Our objective for this placement is to work alongside the intern to enhance our AI Strategy. The role will encourage the intern to research literature and best practices in the industry and academia to apply these concepts to industry. The intern will regularly discuss their progress with their scrum team. They will have the opportunity to present their results to business stakeholders and to our wider Data Science community.

**Supervision and Mentorship**

The intern will work in an agile scrum team alongside the HSBC AI Centre of Excellence. The intern will be supervised by a member of the HSBC AI Centre of Excellence. The intern will also be a member of our AI and Data Science communities to provide them with a network of colleagues for support and learning.

**Person Specification**

The ideal intern will have a passion for developing and enhancing enterprise AI strategies.

**Essential skills:**

- Practical knowledge of AI – taking the theory you will have learned in academia to how it is applied in industry to achieve business value.
- Proficiency in at least one high level programming language - Python [e.g. Tensorflow].
- Strong verbal and written communication skills
- Experience in engaging various stakeholders, both technical and business, to understand requirements.
- Understanding of achieving desired business outcomes through long term strategic planning.
- Critical thinking and assessment of literature and regulatory guidance to understand policy level implications on practical use cases.

Desirable skills, not essential, but any of the following would be beneficial:

- Critical thinking and assessment of literature and regulatory guidance to understand policy level implications on practical use cases.
- Deep knowledge on AI management at a complex global organisation.

**Internship Logistics**

Salary: £30k pa. (£15K for the duration of the 6-month placement).

**Internship length:** 6 months, full time (we regret that we are unable to consider part time applications or International / student visa applications).

**Location:** Hybrid working, i.e. flexibility to work remotely and via one of our office locations in Birmingham, Leeds, London or Sheffield.

*The successful candidate will need to complete a background check conducted by the talent solutions service provider Tapfin. The successful candidate will be hired by Tapfin to work for HSBC.*