

**Bermuda Monetary Authority
is committed to attracting
and developing the best
people who are dedicated to
providing exceptional service.**



Cyber Risk Specialist

Supervision (Financial Technology) Department

Bermuda Monetary Authority is seeking the services of a skilled and capable individual to work as Cyber Risk Specialist in our Supervision (Financial Technology) Department. Reporting to the Managing Director, Supervision (Insurance), the incumbent will have responsibility for supervising all aspects of cyber security supervision for both insurance (including InsurTech) and digital asset business in Bermuda.

This is a key role for the Authority and the post-holder will be responsible for but not limited to:

- Conducting on-site security reviews of regulated entities for compliance with the Authority's standards, comparable to such frameworks as NIST, ISO 27001, COBIT, etc., and recommending security design improvements
- Communicating to regulated entities and senior leadership both quantifiable and qualitative cyber risk to the enterprise through briefings and threat intelligence reports
- Reviewing regulated entity cyber security submissions for both licensing applications and prudential filings, and producing risk and compliance reports for relevant sector supervisors
- Performing duties as a member of the FinTech and InsurTech Innovation Working Groups, assisting them with administering the regulatory sandboxes and innovation hubs, particularly as it relates to cybersecurity analysis and advice
- Identifying risk to regulated entities associated with the intelligence topic
- Monitoring real-time distributed ledger transaction access nodes to regulated entities, analysing and synthesising data to identify patterns, commonalities, and linkages for market manipulation, money laundering, or other risks and issues (chainalysis)
- Producing threat intelligence and providing situation awareness of cyber threats impacting regulated entities digital assets
- Collaborating with technical analysts to provide indications and warnings, and conducting predictive analysis of potential malicious activity
- Researching emerging cyber threats and applying analytical understanding of hacker methodologies, and tactics, system vulnerabilities, and key indicators of attacks and exploits
- Identifying trends in cyberspace for adversary tactics, techniques and procedures, targeting, malware development and implementation, and updating regulatory frameworks as a benchmark to ensure regulated entities are able to respond to these threats
- Advising the supervisory units on the use of machine learning and advanced security software

This position requires a proven technical and business background. Therefore, the successful candidate must have:

- A Bachelor's Degree or equivalent in Computer Science or Information Security from a recognised institution
- Professional qualifications such as CISSP, EC-Council CISO certifications, and also CISM, CISA, Security +, ISO, ITIL or Privacy certifications would be an asset
- A minimum of five years' post graduate experience in networking, network security, encryption and information security compliance
- Solid understanding and experience with encryption, PKI and key protection
- The ability to conduct third party security reviews
- Effective communication skills
- Cyber security experience within the financial services sector or a financial regulator
- Experience with distributed ledger technology and digital assets

Bermuda Monetary Authority is the integrated regulator of the financial services sector in Bermuda. We offer the opportunity for broad exposure to international regulatory issues, special projects and a variety of work experience.

If you are looking for a challenging opportunity in a team environment, we invite you to submit your application online via our 'Careers' page on www.bma.bm. Applications for this position must be received no later than **28 May 2018**.

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Individual Excellence...Collective Strength

Protection ■ ■ ■ **Integrity** ■ ■ ■ **Accountability** ■ ■ ■