VISA

Information Security Analyst – Intern

Description

Visa operates the world’s largest retail electronic payments network and is one of the most recognized global financial services brands. Visa facilitates global commerce through the transfer of value and information among financial institutions, merchants, consumers, businesses and government entities.

We offer a range of branded payment product platforms, which our financial institution clients use to develop and offer credit, charge, deferred debit, prepaid and cash access programs to cardholders. Visa’s card platforms provide consumers, businesses, merchants and government entities with a secure, convenient and reliable way to pay and be paid in more than 200 countries and territories.

Behind the Visa brand are more than 9,300 talented employees who continuously raise the bar with innovative solutions and products that deliver the convenience and security of digital currency to more people all over the world.

Overview

Information security is an integral part of Visa’s corporate culture. It is essential to maintaining our position as an industry leader in electronic payments, which is why Visa has made it a priority to create top-tier security operations and incident response teams to defend the company against evolving cyber threats. If you would like to join a company where security is truly valued, where you can work with like-minded peers who are passionate about the art & science of cyber defense, and where you can use state of the art tools for maximum impact, then we have a home for you.

The successful candidate will join a team of information security analysts whose mission is to protect Visa networks and systems. The team is part of a larger cybersecurity organization, which is located across multiple geographic sites and is responsible for the comprehensive cyber defense of Visa and its subsidiaries.

This position is based in Ashburn, Virginia.

Responsibilities:

- Identify security events by fusing threat intelligence with security sensors (proxies, firewalls, IDS/IPS, malware analysis) and platforms (SIEM, NetFlow, etc.)
- Identify and manage host and network-based indicators of compromise (IOCs) for deployment to security tools
- Reduce time-to-detect and time-to-remediate by driving the automation of applied intelligence.
- Compare cyber security events with intelligence research to determine adversary motive, capability, and intent - and the impact of the threat to payment card supply chain network, architecture and system operations
- Provide subject matter expertise regarding recent hacks / exploits – especially against web applications, databases and common desktop tools
• Maintain, develop, and continually evaluate cyber intelligence sources (technical & non-technical) to increase effectiveness and timeliness of reporting threat information to business partners
• Assist the various Cyber Security teams with quality research and assistance in solving complex cases
• Interact with and assist other teams within Visa on time sensitive, critical investigations
• Have the ability to effectively identify, evaluate and communicate new and ongoing security threats to senior management

Qualifications:

• Undergraduate or graduate work in Computer Science or related discipline
• Strong technical skills with hands-on experience.
• Basic understanding of increasingly sophisticated cyber attacks, exploit techniques, and associated defensive in depth architectures
• Moderate to strong scripting/programming skills, including Python and PERL
• Strong analytical reasoning skills with the ability to recognize and evaluate facts, objectively analyze situations, synthesize and organize data/information from multiple sources
• Working knowledge and administrative experience on Windows and UNIX platforms
• Familiarity with databases, database architectures, and tools
• Able to draft, interpret and communicate policies, procedures and technical requirements
• Solid writing and verbal communication skills, interpersonal and presentation skills.
• Must be extremely flexible and able to manage multiple tasks and priorities on very tight deadlines.
• Security-related certifications a plus.

To apply, please forward your resume to:

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