National Student Financial Aid Scheme

JOB SPECIFICATION & RECRUITING PROFILE OF VACANCY

11 December 2018

The following vacancy exists at NSFAS.

Position	Information Security Analyst	**Type & Grade**	Permanent, Grade 11
Vacancy No	59 of 2018/2019		
Department & Unit	Risk (Information Security)		

POSITION OVERVIEW

The Information Security Analyst has strong technical skills in a wide range of ICT domains and reports to Senior Manager: Information Security as a member of the NSFAS Risk Team. This position will be required to perform strategic and tactical information security functions. Specifically related to researching, auditing and reporting in cyber security, assessing Information Security controls, Business Continuity Planning, resolving audit findings and supporting information security projects.

RESPONSIBILITIES

Assist the NSFAS Risk Team in,

- Developing a security program and security projects that address identified risks and business security requirements.
- Monitoring and report on compliance with security policies, as well as the enforcement of policies within business units.
- Recommending and coordinate the implementation of IS controls to support and enforce defined security policies.
- Ensuring audit trails, system logs and other monitoring data sources are reviewed periodically and are in compliance with policies and audit requirements.

- Gathering, analyzing and assessing the current and future IS threat landscape, as well as providing a realistic overview of risks and threats, security trends and practices, and laws and regulations in the environment.
- Researching, evaluating or recommending new or updated IS hardware or software, and analyse its impact on the existing environment.

Through,

- Internal and external security audits
- Risk analyses and assessments
- Access Control systems and frameworks
- Metrics for ongoing performance measurement and reporting
- Redundancy, high-availability, Disaster Recovery Planning and Business Continuity Planning
- Monitor systems and networks for intrusions
- Anticipate security alerts, incidents and disasters and reduce their likelihood
- Conduct data breach and security incident investigations
- Threat modeling
- Network and application penetration testing
- Source code review
- Produce detailed incident reports and technical briefs
- Research and report writing
- Evaluating changes in terms of IT risk and impact
- Reading, interpreting and applying technical data manuals and related documents.
- Keep abreast of emerging security technologies, software and methodologies
- Completing functional and technical tender and bid specifications.
- Effective time management, prioritizing requests, organize, schedule and co-ordinate tasks and projects.

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DESIRED SKILLS AND EXPERIENCE

Minimum requirements:

- Bachelor's Degree in Information Systems or related
- At least one entry level information Security certification i.e. RESILIA/ ISO27001/ CISSP, CEH, etc.
- Strong technical background in multiple Information Security Domains
- Minimum 5 years in experience in ICT
- Driver's license with own transport
- Post matric qualification or relevant ICT certifications
- Strong MS Office skills
- Working after hours as required
- Good written and verbal communication skills (in English)
- Strong problem-solving skills and attention to detail
- Strong investigation and research abilities

Recommendations:

- RESILIA/ ISO27001/ CISSP/ CISA certified or similar
- COBIT/ ITIL certified or similar
- Experience in LAN, WLAN and WAN networking technologies, etc. CCNA/CCNP/CCDP certified or similar (preferred - Cisco and HP)
- Experience in LAN, WAN, DMZ security, firewalls, WAF, IPS, etc. CEH/FCNSA/CCNA: security certified or similar (preferred - Cisco ASA and Fortigate)
- Experience with web application security and firewalls (preferred - Barracuda)
- Experience with MS Windows, Server, SQL, Exchange, Active Directory, etc.
- Experience with VMWare
- Experience with Linux - Kali, Ubuntu, Debian, Centos, Redhat, Fedora, etc.
- Experience with SAN and Backup technologies, etc.
- Experience with programming and scripting languages, Html, Java, Python, etc.

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- Experience with penetration testing tools and vulnerability scanners, Nessus, Arachni, FOCA, etc.
- Experience with SIEM solutions, Alien Vault, etc.
- Experience with Infrastructure and application monitoring and management tools and software.

Personal attributes:

- Structured, methodical and detail focused
- Professional communicator
- Self-motivated, and innovative

REMUNERATION & BENEFITS

Remuneration Package:	**R 697 011 – R 821 052 per annum** Total Cost to Company per annum inclusive of all benefits and company contributions.
Benefits and Conditions:	**Compulsory Medical Aid, Pension Fund & Annual Bonus** Included in the above remuneration is the company contribution to our compulsory pension fund (15%), medical aid contributions and an annual bonus.
Closing date:	**25 December 2018**

PLEASE NOTE

NSFAS do not consider late applications

Internal NSFAS Staff on Leave must ensure that they check the NSFAS portals for advertised vacancies and familiarize themselves with the respective closing dates

Interested applicants should send detailed Curriculum Vitae, copies of academic qualifications and names of three contactable referees to Ms. Fayroes Sherry via email jobs@nsfas.org.za

NSFAS only corresponds with Shortlisted Candidates. If you do not hear from NSFAS within 2 months of the closing date, please consider your application unsuccessful

"NSFAS is committed to providing equal opportunities and practicing affirmative action employment. It is our intention to promote representivity (race, gender, disability) in the organisation through filling of this position and candidates whose appointment will promote representivity will receive preference. "