ACENET CYBERSECURITY ANALYST

ACENET seeks a Cybersecurity Analyst to work on the implementation of cybersecurity policy and procedure across ACENET research computing services, with duties extending nationally through ACENET’s participation in the Compute Canada federation. ACENET, in discussion with the successful candidate, will locate this position at one of our partner university campuses in Antigonish, NS, Halifax, NS, Fredericton, NB, or St. John’s, NL.

Reporting to ACENET’s Chief Technology Officer, the incumbent will be responsible for ensuring that ACENET’s research computing services and related projects have a level of security that is appropriate, evolving, and meets the requirements of ACENET’s clients and stakeholders. The analyst will participate in the development and implementation of new technological solutions, and will be responsible for planning and evaluating the security of these solutions. The analyst will work closely with Compute Canada’s security team, which sets national standards for the federation.

Core Responsibilities

- Analyze and understand information security risks for ACENET and Compute Canada.
- Working closely with ACENET’s technical team, identify, prioritize, and implement security processes and procedures.
- Work with ACENET’s clients to identify their security needs and recommend approaches to meet these needs.
- Participate in the development, implementation and realization of security and risk management tools and strategies.
- Perform vulnerability tests, risk analysis and security assessments using industry standards such as NIST, ISO or OCTAVE.
- Participate in the response to security incidents and provide detailed retrospective analysis.
- Monitor for new vulnerabilities.
- Participate in security awareness activities to promote best practices among staff and clients.
- Work with ACENET’s technical team to deploy, maintain and upgrade security hardware and software.

Education and Qualifications

The ideal candidate will have a university degree in a field related to cybersecurity and several years of cybersecurity experience in an applied setting. Consideration will be given to an equivalent combination of education and experience.

Mandatory qualifications include:

- Expertise in the Linux environment.
- Good knowledge of the various layers of the network and associated security technologies.
- Some programming capability (shell scripting, Python, C/C++, etc.) for the development of security tools.
Experience in the following areas would be considered an asset:

- Expertise in standards-based information security practices, (for example ISO 27000, NIST, or HIPAA, etc.)
- Good knowledge of virtualized environments and cloud-like platforms.
- Knowledge of storage platforms and associated security techniques.
- Security certifications such as CISSP, CISM, CEH or CRISC.
- Experience with High Performance Computing environments.
- Excellent communication, planning, and time management skills with a strong client-focused work ethic.

About ACENET
ACENET is a consortium of post-secondary institutions in Atlantic Canada providing researchers with advanced computing resources, tools, software, training, and support. We help our clients use Advanced Computing as a means of accelerating discovery and innovation, keeping Atlantic Canada at the forefront of scientific research.

ACENET is a partner consortium in Compute Canada, the organization responsible for advanced research computing in Canada.

HOURS: 37.5 hours per week
         Must be available to work flexible and additional hours.

SALARY: Commensurate with qualifications and experience

CLOSING DATE: August 1, 2019

Please submit electronically a cover letter, a resume and reference list to be received no later than the closing date to careers@acenet.ca.

In accordance with Canadian immigration requirements, all qualified candidates are encouraged to apply; however, Canadian citizens and permanent residents will be given priority. ACENET is committed to gender equity in employment.

Only those applicants who are invited to an interview will be acknowledged.