Analyst II, Cyber Security

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Professional and Managerial Group

Analyst II, Cyber Security

Computing and Communications (CCS)

Hiring #: 2018-0583

Please read the Application Instructions [1] before applying

Computing and Communications Services (CCS) is the central IT organization on campus, providing IT infrastructure and technology services to the University of Guelph community. CCS is committed to a set of six Core Values; Service Culture, Integrity, Individual Leadership, Teamwork, Agility, and Communication.

Reporting to Manager, Information Security the incumbent will work as part of a team to support, implement, and advance the information security program for the University. This includes providing technical support and guidance to a wide range of campus community representatives including faculty, staff, students, and distributed IT staff on campus. The preferred candidate will rely on their judgment, informed by established University and departmental guidelines and processes, to determine a solution, or the need for escalation, when responding to requests or security incidents.

The preferred candidate will have responsibility for the following:

- Supporting, maintaining, and enhancing information security applications, systems, and services
- Responding to information security incidents, including investigation, tracking, and working with stakeholders until final resolution
- Performing forensic collection techniques using appropriate information security applications/software
- Providing advice on technical vulnerabilities and risk, and coordinating vulnerability remediation efforts with system owners and stakeholders
- Participating on a wide variety of information security projects
- Developing tools, writing scripts, and automating processes to assist with routine tasks
- Enhancing, streamlining, and improving technology and processes to improve team effectiveness and efficiency
- Monitoring information security related channels to stay current on new and emerging attacks, vulnerabilities and overall security trends
- Collaborating with other CCS teams on information security matters to raise awareness and improve security practices
- Contributing to the Information Security awareness program at the University to help the campus community understand security issues and threats

Requirements of the position include:

- An undergraduate degree in Computer Science or a related field, and a minimum of three years of related experience, or an equivalent combination of education and experience
- Knowledge of multiple operating systems and applicable system administration skills (Windows, Linux, etc.)
- Excellent understanding of networking principles including TCP/IP, WANs, LANs, and commonly used Internet protocols such as SMTP, HTTP, HTTPS, SSH, FTP, POP, LDAP, etc
- Previous experience with industry leading security applications, incident response processes, and vulnerability analysis
• Understanding of the latest attack techniques and counter measures, including the latest malware and threat actor profiles
• Scripting and programming skills in at least one environment or language
• Strong analytical, interpersonal, and communication skills are a must
• Previous experience performing threat and risk assessments, or with the tools and techniques used by ethical hackers is an asset
• Previous systems administration experience is an asset
• Relevant technical certifications are an asset (i.e. CEH, CISSP, CHFI, GCIH, GCFA, EnCE, etc.).

Position Number    504-006
Classification          P03*

*Tentative evaluation; subject to committee review.

At the University of Guelph, fostering a culture of inclusion [3] is an institutional imperative. The University invites and encourages applications from all qualified individuals, including from groups that are traditionally underrepresented in employment, who may contribute to further diversification of our Institution.

Posting Date: 2018 11 26
Closing Date: 2018 12 03

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