

Position Overview:

TELUS Security Solutions is seeking a Security Researcher to join our industry-leading TELUS Security Labs. TELUS Security Labs supports a global customer base including leading security product vendors, software and high-tech manufacturers, telecommunications providers, and large enterprise customers, with a set of industry-leading technical data feeds, research products, and engineering services.

Responsibilities:

The Security Researcher will support the growth of the Vulnerability Research team through analysis, design and development of custom security products and internal project leadership. This role includes participation in delivery activities as well as involvement in product strategy, and pre-sales support. At advanced levels, the ideal candidate should be able to position our services in relation to customers' needs, communicate our value propositions and be able to collaborate on new services design and implementation.

Required Knowledge:

- Research newly discovered networking & software vulnerabilities and other documentation.
- Research and study software to reverse engineer protocols, security vulnerabilities and attack methods.
- Creation and analysis of network attack traffic.
- Learn and use new detection signature languages quickly.
- Review and verify existing networking & software.
- Ability to analyze and describe vulnerabilities and attack methods.
- Monitor security industry publications, news groups and press releases to identify vulnerabilities and attack methods.
- Communicate effectively the results of your research to management and clients.

Required Skills & Abilities:

- Ability to understand Perl, C/C++/C# or Java programming.
- In-depth knowledge of TCP/IP and other networking protocol.
- Excellent oral and written communication skills.
- Excellent client management/soft-skills.
- Terrific attention to detail and personal QA.

- Familiarity with security scanner technologies.
- Self-directed, self-motivated, self-starter able to work with minimal supervision.

Required Professional Designation/Certification:

- Bachelor's or Master's degree in computer science or a related field preferred.

Required Experience:

- Have worked with and led small project teams and/or operated in an intermediate pre-sales/development engineer role.
- Preferred to have at least 3 years industry experience but not required.
- Desire to work in information security and research environment is a plus.