Postdoctoral Fellowship in Software Security

The Department of Computer Science at the University of Regina is now advertising for a Postdoctoral Fellowship. The Postdoctoral Fellow will join the research group led by Dr. Philip Fong, and take part in the following projects: (1) security and privacy models for social networking applications, (2) isolation of third-party Facebook applications using execution monitoring, and (3) language-based security. The Postdoctoral Fellow will also assist in the development of research prototypes as well as the coordination of such efforts among other members of the research group.

The Postdoctoral Fellowship is initially for a one-year term, and extension to a second year is conditioned on availability of funding and a successful review by the end of the first year. Funding for this Fellowship is provided by Natural Sciences and Engineering Research Council of Canada through a Strategic Project Grant and a Discovery Accelerator Supplement. Teaching duty is not expected, nor is it an opportunity available to a Postdoctoral Fellow.

The successful candidate must have recently received a PhD in Computer Science or a related discipline, with expertise in software security. Research experiences in the following areas are considered assets: language-based security, host-based intrusion detection, theory of access control, theory and/or implementation of programming languages, model checking, and formal methods. Strong software development and project management experiences are expected.

To apply, please submit a CV, university transcripts, a two-page research statement (please outline how the candidate's expertise may contribute to the research projects), a list of 3 references, and 3 sample publications to the following:

Dr. Philip W. L. Fong
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The earliest start date for the position is July 1, 2008. Applications will be accepted until the position is filled. Review of applications will commence immediately.