Opening for a Post-Doc in the School of Computer Science at Carnegie Mellon University

July 2011

The School of Computer Science at Carnegie Mellon University has an opening for a post-doc to work on NSF-funded research projects focused on the development and validation of (1) new **user-oriented machine learning technologies for Web security and privacy**, and (2) novel technologies to **nudge users towards safer privacy practices** in the context of **mobile and social networking** applications.

These are interdisciplinary projects that involve interacting with a number of faculty and students and combine the development and evaluation of learning and dialogue technologies with the use of human-centered design and behavioral economics methodologies. Prospective candidates are expected to have a PhD and have done graduate work/have some familiarity with several of the following areas:

- **Learning and dialogue technologies** (e.g. conversational case-based reasoning, user-controllable policy learning)
- **Mobile and Social Computing**
- **Web Security and Privacy**
- **Human Computer Interaction**

Candidates are expected to be capable of working under limited supervision and should have strong communication skills. They are also expected to have strong Java programming skills and have experience collaborating with others in the context of large-scale software development projects. Actual work is expected to involve a mix of conceptual design, software development and field evaluation with human subjects. The successful candidate is expected to publish papers in top level conferences and journals along with other faculty and students. (S)he will report to Prof. Norman Sadeh. Other faculty involved in the projects include Prof. Alessandro Acquisti (CMU), Prof. Lorrie Cranor (CMU), and Prof. Steve Bellovin (Columbia Univ.).

The initial appointment is for one year with option of renewal for another one or two years. The start date is negotiable with a preference for early Fall 2011. Carnegie Mellon offers competitive salaries and benefits. Interested candidates should forward their resume along with the names of 3 references to Linda Francona by email, fax or snail mail at:

Linda Francona
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Some relevant links:
http://www.cylab.cmu.edu/research/projects/2011/user-controllable-policy-learning.html
http://www.cylab.cmu.edu/research/projects/2011/privacy-nudging.html
http://www.cs.cmu.edu/~sadeh/user_controllable_security_and_privacy.htm
http://locaccino.org
http://www.cylab.cmu.edu/news_events/news/2009/sadeh_NSFaward.html
http://www.cylab.cmu.edu/news_events/news/2010/nsf-awards-july10.html