



Opening for a Software Developer/Research Programmer

October 18, 2011

The **Mobile Commerce Lab** in the School of Computer Science at Carnegie Mellon University has an opening for a talented software developer/research programmer interested in contributing to the development and validation of cutting-edge mobile and pervasive computing technologies. The successful candidate is expected to play an important role in the development and validation of (1) **novel applications and user interfaces for mobile security and privacy**, and (2) novel technologies to **nudge users towards safer privacy practices** in the context of **mobile and social networking** applications. This position entails interacting with a large number of project contributors, ranging from faculty and post-docs to graduate and undergraduate students, and other members of the research staff. This includes participating in group discussions, contributing to the design, development, fielding, evaluation and refinement of prototypes. It also includes contributing to the maintenance of some already fielded systems. This also includes opportunities for interacting with teams of students developing apps in the context of courses offered by the Lab.

Prospective candidates are expected to have a Master's degree in computer science or some related field, though particularly strong candidate with just a BS degree will also be considered. The ideal candidates will have an interest in **usability, scalable web applications, mobile computing, location-based applications, and privacy**. Candidates should be familiar with software engineering principles, and ideally have some experience developing scalable web applications. More specifically, they should be familiar with several of the following technologies:

- Java (required)
- Hibernate and JSF
- HTML, Ajax and Javascript
- Mobile clients programming: iPhone & Android
- Facebook API

We are looking for candidates with strong oral and written communication skills who are team players but are also capable of showing initiative and of working under limited supervision.

Interested applicants should send their resume to Linda Francona at: laf20@cs.cmu.edu.

About the Mobile Commerce Lab at Carnegie Mellon University (<http://mcom.cs.cmu.edu>)

For the past 10+ years, the Mobile Commerce Lab at Carnegie Mellon has pioneered the development of a number of novel mobile and pervasive computing technologies. The Lab is particularly well-known for its work in context awareness, privacy, security, user-oriented machine learning, HCI, and semantic web technologies. The Lab's funding is provided by government agencies (e.g. US National Science Foundation, Dept. of Defense) as well as a number of prominent corporate sponsors.