SOCIAL COMPUTING, 2 ECTS

Rosta Farzan, Human Computer Interaction Institute, Carnegie Mellon University, USA

This summer class focuses on answering these questions:

1. What is social computing?
2. What are different kinds of social software?
3. What are the technologies behind social computing?
4. What challenges social computing face?
5. How does social computing influence our life?

The course will include frequent in-class practices of the concepts discussed in the course.

Topics

1. Social computing introduction and overview
   - History of social computing
   - Social software
     - Blogging and micro-blogging
     - Content sharing
     - Social bookmarking
     - Wikis and Wikipedia
2. Social computing technologies
   - Ajax
   - APIs: Wikipedia and Facebook
   - Mashups
3. Socially intelligent computing
   - Social search
   - Collaborative filtering
   - Crowdsourcing
4. Challenges
   - Encouraging contribution
   - Socialization of newcomers
5. Social computing in real life
   - Social media in was and crisis
   - Social media in crisis and culture
   - Social media and diversity