

Teaching Statement, Fall 2003

Lin Liu

liu@cs.toronto.edu

One has not thoroughly learned a subject until one can successfully teach it. I enjoy teaching not only for imparting knowledge to students, but also for improving my understanding of the subject. Being a teaching assistant, I have had the opportunity to practice my teaching skills in three undergraduate courses. Also, I supervised a few summer projects and course projects during my postdoc period. When interacting with students, I would like to encourage them to work on projects that are carefully designed to reflect the recent development in computer industry. At the same time, I would try to balance between "giving person a fish" and "teaching person how to fish". While delivering concrete techniques to the students, I will also grab every opportunity to teach the scientific way of thinking and problem solving.

My teaching interests and experience are in the areas of requirements engineering, software engineering, information systems analysis and design, as well as artificial intelligence. I am particularly interested in developing undergraduate and graduate courses according to the special interests of the department and my experience with a focus on the conceptual modeling of information systems, designing under the new Internet computing environments, and some special topics, such as Web Applications, Formal Methods, and Model checking.