Teaching Statement

I enjoy teaching and sharing my learning processes to students and colleagues. My teaching philosophy is to teach students based on their own capabilities. After fundamental knowledge is presented, I encourage students to ask questions and learn to solve problems with some hands-on experience based on their individual levels. I believe students' interests will evolve and their potential can be stimulated through the process.

As a graduate teaching assistant, I independently taught many introductory computer science courses to both engineering and business students. For the class "Data Structure in Java for Information System," I single-handedly organized the entire class, including textbook selection, teaching material and class note preparation. In addition to teaching the class, I gave and graded labs, wrote and graded exams, held office hours, and even mentored other junior graduate teaching assistants for the course. These experiences demonstrate my ability to be a devoted and responsible teacher.

As a faculty member, I am capable of teaching courses across both undergraduate and graduate levels in operation systems, distributed computing, database systems, networking, and information security and assurance. Specific to the graduate level, I would like to organize courses in wireless networks, sensor networks, and network security. In addition, I would like to lead advanced research courses, which provide students the opportunity to thoroughly understand key hot and new discoveries in selected fields of interest. Students typically develop interests and become more insightful through these courses. Many of their project ideas grow into successful research topics and are eventually published. Teaching courses closely related to my research areas will help me identify and recruit outstanding and motivated students for my research team.