MOOCs, MOOE and MOOR In China

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Abstract

Starting 2012, almost every famous university in the United States have begun to offer the massive open online courses (MOOCs). One year after, more and more well-known universities in China have also joined the team of offering massive open online courses. Some influential computer scientists wondered, should there be thousands of colleges and universities around the country all are teaching the same course to a small group of students in their own universities, why we should not invite one brilliant professor to teach the material to whole the world at once via the Internet? There are a few people who even believe that there might be only ten universities remaining within next fifty years since on line courses might replace the traditional education approach. Would using MOOCs be a way to solve unbalanced distribution of education resource in China?

After the MOOCs, the Massive Open Online Experiments (MOOE) and the Massive Open Online Research (MOOR) appeared in China. As a professor in NUC, China, I have participated the development and deployment of MOOCs, MOOE, and MOOR. It seems that MOOCs, MOOE and MOOR are all the result of combination of computer networks, cloud computing and big data, which could provide maximized resource sharing, especially those high quality resource. All of those three approaches, to some extent, could save the cost on education provided by the government, university and students. This talk will introduce the current status of MOOCs, MOOE and MOOR in China and discuss the techniques and issues associated with them.

Biography

Dr. Wenai Song is Dean and Professor of the school of Software at North University of China, China. She received her Ph.D. in Mechanical and Electronic Engineering from Beijing Institute of Technology. She worked as a postdoctoral academic researcher in Material Engineering at Tsinghua University between 2006 and 2009, and was a Visiting Scholar in Tufts University, U.S.A. Her current research interest areas include Software Engineering, Cloud computing, Big date, and Smart Software City.

Dr. Song has served as the program chair for several international conferences including the IEEE/ACIS ICIS 2014.