Abstract

In recent years, China has come up with policies to boost its software industry. The policies emphasize technology innovation, the training of professional talents and service improvement. The government will invest more in the software industry, encourage venture capital, cut taxation on software, and create more channels for software businesses to raise funds.

As early as 2001, China's Ministry of Education authorized 35 local universities to run pilot software institutes to meet the increased demand for software personnel in the 21st century. University and research institutes enhance software-related education by giving students opportunities to learn about modern technology. The institutes work cooperatively with their international counterparts, improve their teaching methods, use foreign text books and adopt bilingual teaching. The institutes will recruit junior and senior undergraduates who major in software, undergraduates applying for a double major, and graduates with a bachelor's degree or above in software.

It is reasonable to believe that having more software 'Made in China' will become a major target of the Chinese government.

This talk will give more details of these developments, mainly focusing on software engineering education in the universities and software engineering training in companies in China, including what courses are taught, and the fields most in demand by employers.

Biography

Prof. Yulin Wang received the B.Eng. degree in electronic engineering from Xidian University, Xi’An, China, in 1987, the M.Phil. degree in electrical and electronic engineering from the Huazhong University of Science and Technology (HUST), China in 1990, and the Ph.D. degree in electronic engineering from the University of London, UK in 2005. He has been with research institutes and universities for more than 15 years. He has participated in many important research projects and developed high-tech products, and published over 50 technical journal and conference papers. He was made an Associate Professor in 1999, and then promoted to a Full Professor in 2005 in Wuhan University of Technology. In 2006, as a full Professor he joined the International School of Software, Wuhan University. His research interests include image and video processing, digital watermarking, and embedded system. He is the director of the teaching affairs in the school, and the leader of R&D group in communication and embedded system. He is an IEE & IEEE member, senior member of the China Computer Association, and advisor to many government funding agencies.