

PhD studentship (Full-time)

Institution	Xi'an Jiaotong-Liverpool University, China
Department	Department of Computer Science and Software Engineering
Supervisors	Principle supervisor: Hai-Ning Liang (Xi'an Jiaotong-Liverpool University) Co-supervisors: Yong Yue (Xi'an Jiaotong-Liverpool University); Phil Jimmieson (University of Liverpool, UK)
Application Deadline	Open until the position is filled
Funding Availability	Funded PhD project (world-wide students)
Project Title	Gaming Interfaces for the Ageing Population (面向老龄人群的游戏界面研发)
Contact	Please email haining.liang@xjtlu.edu.cn and copy doctoralstudies@xjtlu.edu.cn with a subject line of the PhD project title

Requirements:

The candidate should have a first class or upper second class honours degree, or a master's degree (or equivalent qualification), in computer science or related area. In particular we are looking someone with experience in human-computer interaction, user interface/interaction design, usability studies, plus interest with working with the elderly population. Evidence of good spoken and written English is essential. The candidate should have an IELTS score of 6.5 or above, or an equivalent qualification, if the first language is not English. This position is open to all qualified candidates irrespective of nationality.

Degree:

The student will be awarded a PhD degree from the University of Liverpool (UK) upon successful completion of the program.

Funding:

The PhD studentship is available for three years subject to satisfactory progress by the student. The award covers tuition fees for three years (currently equivalent to RMB 80,000 per annum) and provides a monthly stipend of 3500 RMB as a contribution to living expenses. It also provides up to RMB 16,500 to allow participation at international conferences during the period of the award. It is a condition of the award that holders of XJTLU PhD scholarships carry out 300-500 hours of teaching assistance work per year. The scholarship holder is expected to carry out the major part of his or her research at XJTLU in Suzhou, China. However,

he or she is eligible for a research study visit to the University of Liverpool of up to three months, if this is required by the project.

Project Description:

The main goal of this project is to develop the foundations for designing and creating gaming technologies to better match the needs, sensitivities, and capabilities of older adults. We plan to focus on the Chinese elderly, a population group who is experiencing tremendous growth within a very short time, reaching 245 million by 2030. This project seeks to develop scientific models and frameworks to inform the creation of such gaming technologies that could improve the well-being and quality-of-life of the elderly population. This project will have the following 3 objectives: (1) to understand the current situation of gaming technologies targeting the Chinese ageing population; (2) to identify factors that affect the future use adoption of these technologies; and (3) to create design and development frameworks of these technologies. The outcome of this project will be in terms of new gaming technologies (such as new input/output devices and games) and design frameworks that will support the development of such technologies for the elderly.

For more information about doctoral scholarship and PhD programme at Xi'an Jiaotong-Liverpool University (XJTLU): Please visit

<http://www.xjtlu.edu.cn/en/admissions/phd.html>

<http://www.xjtlu.edu.cn/en/admissions/phd/feesscholarships.html>

How to Apply:

Interested applicants are advised to email haining.liang@xjtlu.edu.cn the following documents and copy doctoralstudies@xjtlu.edu.cn (please put the project title in the subject line).

- CV
- Two reference letters
- Personal statement outlining your interest in the position
- Proof of English language proficiency (an IELTS score of above 6.5 or equivalent is required)
- Verified school transcripts in both Chinese and English (for international students, only the English version is required)
- Verified certificates of education qualifications in both Chinese and English (for international students, only the English version is required)

Informal enquiries may be addressed to Dr. Hai-Ning Liang (haining.liang@xjtlu.edu.cn), whose personal profile is linked below, <http://www.xjtlu.edu.cn/en/faculty/haining-liang>