PhD studentship   (Full-time)

Institution	Xi'an Jiaotong-Liverpool University, China
Department	Department of Computer Science and Software Engineering
Supervisors	Principle supervisor: Dr. Gangmin Li (Xi'an Jiaotong-Liverpool University) Co-supervisor: Prof. Katie Atkinson (University of Liverpool, UK);
Application Deadline	Open until the position is filled
Funding Availability	Funded PhD project (world-wide students)
Project Title	Big Data Analytics on Knowledge Acquisition 大数据分析在知识获取的应用研究
Contact	Please email: Gangmin.li@xjtlu.edu.cn (principal supervisor's email address) and copy to 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 Computing Science or Data Science 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:

Knowledge acquisition (KA) is a hard problem in knowledge engineering. Big Data Analytics (BDA), aiming at derives value out of big data, sheds light on this problem. Advanced data analysing methods and computational platforms make it possible to capture organisational knowledge by imitating large members of communities and interactions among the community members. Based on this idea, this research studies the feasibility and needed extensions of "Contested Collective Intelligence (CCI)" model in the web environment. CCI model was initially used in capturing organisational knowledge in dissemination of academic publications. We assume that web users are individual experts and the whole web community is a big organisation. The organizational knowledge on the web is emerged and revealed through the interactions where individual users freely express themselves and interact with others to clarify facts, argue about meaning and debate about truth through claim and counterclaims. It is a hope that by capturing those claims, the connections between claims and the final agreement (stable claims) on understanding of the meaning, the collective knowledge emerged on the web can be captured, stored and reused.

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 Gangmin.li@xjtlu.edu.cn (principal supervisor's email address) the following documents and copy to doctoralstudies@xjtlu.edu.cn (please put the project title in the subject line).

- CV
- Two formal reference letters with company/university letterhead
- 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. Gangmin.li (Gangmin.li@xjtlu.edu.cn), whose personal profile is linked below,

http://www.xjtlu.edu.cn/en/departments/academic-departments/computer-science-and-software-engineering/staff/gangmin-li