NANYANG TECHNOLOGICAL UNIVERSITY SINGAPORE

DETAILED TRAINING PROGRAMME

TITLE OF PROJECT INVOLVING THE APPLICANT	Link prediction and recommender systems
OBJECTIVES OF THE PROJECT	The objective of this project is to research and develop on link prediction and recommender systems by exploring various algorithms and modes.
DESCRIPTION OF THE PROJECT	In the project, the candidate will work with a team of researchers to accomplish a distinctive work on recommender systems from theory to technology. There are mainly three plans in this project, which are listed in detail as follows. In the project. Study A Generic Bayesian-based Framework for Weak Link Prediction on Top-N Recommender Systems and aims to publish the research results in WWW 2019 conference. Research on link prediction on social networks. An interpretable model on link prediction will be proposed. It will utilize deep neural network to conduct the prediction tasks. Study interpretable neural network on link prediction task and aims to publish the research results in academic journal or international conference.
NAME OF THE SUPERVISOR / - **Designation:** - **School / Research centre :**	Dr Zhang Liang Centre Manager Joint NTU-UBC Research Centre of Excellence in Active Living for the Elderly
NAME OF THE APPLICANT	Xu Rongqin
DURATION OF THE PROJECT (START MONTH TO END MONTH)	From September 2019 to December 2019

Yours sincerely,

Dr Zhang Liang

Joint NTU-UBC Research Centre of Excellence in Active Living for the Elderly

Nanyang Avenue, N4-B3b-06, Singapore 639798, T: +65 6790 6968, www.ntu.edu.sg