

Research Assistant (RA)/ MSc in Computer Science (Research)

Monthly Allowance/ Salary: up to RM2000 per month

This is a key opportunity to participate in Sunway University funded internal grant project with a monthly allowance/ Salary (Malaysian) of up to RM2000 for a period of 12 months period plus an opportunity to study MSc in Computer Science (by Research) in Faculty of Science and Technology, Sunway University. The project will develop a Smart Haptic User Interface system (SHUI) that will model the pertinent characteristics of the devices (robot and haptic) at each end of the link and permit efficient and accurate transmission of the multimodal signals (i.e. video, audio and haptic traffic) to ensure transparency and stability of the bilateral control system. A new algorithm and theory of communications and control architecture supported by distributed applications will be developed to providing collaborative interactions of different haptic devices, and operates over a computer cloud network. The post is opened to all students finished their undergraduate or postgraduate study or a researcher from a research institution. Funding for this post is available for one year in the first instance. In addition, Masters/PhD scholarship are available to apply for candidates with excellent academic results.

Applicants will have at least a good honours BSc/BEng degree or Advanced Diploma or equivalent degree in Computer Science, Network & Telecommunication, Electronic & Electrical Engineering, Mechatronic & Mechanical Engineering, Robotic, Science or a related discipline. Candidates may have mixed methods (qualitative and quantitative) research skills and expertise. Applicant is expected to demonstrate dedicated and independent research ability throughout the entire project.

If you have any queries regarding the vacancy please contact Associate Prof. Dr. Yap Kian Meng (kmyap@sunway.edu.my, +603 7491 8622 ext. 3225) or Ms. Lim Woan Ning (woanningl@sunway.edu.my, +603 7491 8622 ext. 3810).



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