Call for Graduate Research Assistant

Project Title: Interactive Face Image Retrieval from Human Memory

Project Description: In this research, a face image retrieval system will be developed. Such system will be used to assess the performance of face retrieval method with and without using query image. The major aim is to design and implement algorithm that enable user to interactively retrieve face images from a large database by simply relying on his/her memory. In addition, this project will also investigate on the use of suitable facial features and the features obtained from deep learning approach.

Source of Funding: ESCIENCE (Ministry of Science, Technology and Innovation (MOSTI))
Project Duration: 2.5 years (30 Months) Dec 2014 till May 2017
Monthly Salary: RM 2500 (This is inclusive of deduction for SOCSO/EPF)
Location: Faculty of Engineering, Multimedia University, Cyberjaya campus.

Benefits of the project (not limited to):
- Attending local conference(s)
- Pursuing Master in Engineering Science (M.Eng.Sc). Tuition fee is waived
- Student with master degree can enroll in MMU Phd program.

Responsibilities:
- Design and experiment on new algorithm related to computer vision in order to solve the face image retrieval problem. Some algorithms involve the application of concepts in statistic and linear algebra.
- Implementation of software prototype using Matlab. Final software implementation using C++/Java.
- Research publication

Requirements:
- Bachelor's degree with honors in Electronics Engineering, preferably majoring in **Computer engineering** or Bachelor degree with honors in **Computer Science or Information Technology**
- CGPA of 2nd class and above
- Proficiency in Matlab/C++/Java languages. Excellent command in written and oral English.
- Proactive and able to carry out research independently. Enjoy programming works.

Interested applicants are requested to submit their resumes (with reference) through email to the person below. All queries regarding the project are welcomed.

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