<u>Seeking Skilled Summer Interns / Research Assistants</u>
<u>for Decentralized Social Network Research</u>
<u>in The Chinese University of Hong Kong</u>

The Mobile Technology Centre (MobiTec) (http://mobitec.ie.cuhk.edu.hk) of The Chinese University of Hong Kong (CUHK) has multiple openings for Internship and Research Assistant positions for the summer of 2013. Mainland Undergraduate and Postgraduate students are welcome to apply for the following program. We are looking for highly motivated and competent candidates to be team members of a Social Network R&D project.

Basic Information:

- Host: Prof. Wing Cheong LAU (http://www.ie.cuhk.edu.hk/~wclau)
    Director of MobiTeC,
    Department of Information Engineering, CUHK
- Project Nature: Novel social networking tool developing and new architecture prototyping; Social network data analysis and processing.
- Project Webpage: https://snsapi.ie.cuhk.edu.hk/2013summer/

Job Description:

While Decentralized Social Network (DSN) draws an increasing interest of researchers in the field, their architecture design and development is still in its infancy. Data analysis under DSN scenario also poises many new challenges. Researchers and engineers all over the world are attempting to decentralize Social Network Services from different angles. As an initial step, we are currently developing a personal intelligent system that can interface with heterogeneous Online Social Networks (OSN). We seek candidates for both the System development and Algorithm Design tracks. The specific tasks will be determined based on discussions with the candidates. Candidates are also encouraged to send us their own proposals related to our current project directions.

Requirements:

The Intern or RA must be:
- Highly motivated in solving Social Network problems.

- Proficient in Python.

Candidates for the System Development Track are preferred to:
- Be familiar with Linux.
- Be familiar with networking protocols, systems, issues, and solutions.
- Have open source development experience.

Candidates for the Algorithm Design Track are preferred to:
- Be good at mathematics, e.g. statistics, matrix theory and optimization.
- Have strong algorithm design and prototyping skills.
- Have data analysis experience.

Application and Selection Procedure:

Interested applicants have to go through the following application procedure:
- Register your information via this Google doc form: https://docs.google.com/spreadsheet/embeddedform?formkey=dEZaT2xQRldQaW12ekZ6dVVVU2puTFE6MQ
- Send your CV and/or proposal to: snsapi@ie.cuhk.edu.hk . This is optional. Please send in "pdf" format and name your attachment as "cv_name_university.pdf" or "rp_name_university.pdf". We accept CV and RP during the whole period of selection.
- Participate in an open source project [1] or [2], which is an effective way to show both your motivation and ability.
- We'll start phone interviews in early March and announce the results by the end of March. Candidates who have already demonstrated their skills via participation / technical contribution in the open-source projects [1] or [2] will definitely be given higher priority.

Enquiry:

Further enquires can be directed to snsapi@ie.cuhk.edu.hk .

Reference:

[1] SNSAPI: https://github.com/hupili/snsapi
[2] SNSRouter: https://github.com/hupili/sns-router