Research Fellow

Company Name
National University of Singapore

Job Description

Research Fellow to

- Design, develop and analyse wireless sensor network, distributed systems (including cloud computing), information processing algorithms and optimization schemes
- Design, develop and analyse distributed complex signal and/or event processing algorithms and schemes, e.g. signal processing, pattern recognition, machine learning

Requirements

- A PhD degree in Electrical Engineering, Computer Engineering, Computer Science or related fields from a good university.
- Substantial expertise in several of the following areas:
  - Wireless networks, wireless sensor networks, information fusion, optimization, data mining/analytics
  - Signal/event processing, event detection, spatio-temporal correlation and/or stream processing
  - Algorithm design, simulation and performance evaluation of sensor networks or distributed systems, including cloud computing
- Excellent analytical, technical and problem solving skills.
- Good publication record and excellent technical writing and presentation skills in English.
- Strong programming skills in C/C++, Java, Matlab and/or R.
- Hands-on experience in the development and deployment of sensor networks and/or distributed systems will be an added advantage.
- Highly motivated, able to work independently, and a good team player.

Remuneration & Benefits

$54-78K per annum

Term of Appointment

30 months

Contact Person

Interested candidates are invited to send a detailed CV with information on educational qualifications, R&D experience, publications and NUS Personal Data Consent for Job Applicants to Assoc Prof Chen-Khong Tham by e-mail at eletck@nus.edu.sg with e-mail subject "Application for RF position". Please state the relevance of your background to this position and the date on which you can take up the position if it is offered to you.

Application Deadline

31 Jan 2015