JOB Opportunity

The Smart Buildings, Smart Cities and Internet of Things Lab @ NUS at the Department of Building, School of Design and Environment, NUS is seeking a highly experienced senior engineer who will also act as a project manager / team lead for a project related to smart buildings, energy efficiency and the internet of things. This individual will play a pivotal role in providing oversight for the project but also will lead / manage a small and dynamic group of engineers and technical research staff as well some undergraduate and graduate students.

1. Job Title : Senior Research Engineer / Project Manager

2. Closing date : May 31 2015

3. Skills :
   • Strong practical experience and understanding of building energy efficiency and the role of automation and optimization to achieve improvement in building performance.
   • Commissioning, Design, Consulting, Product Development
   • In depth working knowledge of Knowledge of BacNet, ModBus, Lonworks standard protocols and products such as Control4, Clipsal, Linksys, TAC, JACE / Tridium and other wired/wireless Buildings Gateways / Automation Systems and Products.
   • Computer networking and software product management, development, GUI and ability to define Hardware and Software application engineering requirements for solutions.
   • Wired and Wireless Networking, Linux, Web Server, Database, IP based systems.
   • Project management and planning skills including project timelines, schedules, resources allocation.
   • People management skills to manage small to medium group ( 4 – 10) of engineers / staff
   • Understanding customer requirements coupled with good business acumen enabling a successful translation to needed technical design documents.
   • Excellent Presentation and Communication Skills

4. Experience
   • Must have 10+ years of working experience strong experience in building automation ( 5+ years) and computer / networking industry (5+ years)
   • Experience with at least 2 major Building automation vendors such as Honeywell, Siemens, Schneider Electric, Johnson Controls
   • Created simulated / virtual customer environments for software development and testing including GUI based systems