Prof. Siew-Chong TAN of HKU is offering two positions for Research Assistant in the area of Wireless Power Transfer (WPT) and related electronic systems. Qualification and required skills for the candidates are as follow:

Qualifications:
MPhil in Electrical (or Electronics) Engineering -or- Bachelor in Electrical (or Electronics) Engineering with at least 3 years of relevant working experience. Ph.D. candidates will also be considered.

Required skills:
1. MCU and/or DSP programming using C/C++. (Optional) Knowing how to program FPGA using Verilog/VHDL is a plus;
2. PCB schematic and layout skills (e.g. knowing how to use the PCB design tool such as Protel, Dipstrace, PADS, DesignSpark, etc.);
3. Basic understanding of power electronics (PE) (e.g. took introductory PE courses);
4. Perform circuit simulations using simulation tool such as SPICE, PSIM, Cadence, etc.
5. (Optional) Prior experience in developing iOS/Android mobile app is a plus; and
6. Effective communications skills, with the ability to speak and listen, as well as clearly express their ideas.

Interested parties please contact Prof. Tan via sctan@eee.hku.hk direct.