

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.