RA positions for ITF projects

(A) Embedded System Engineer (2 positions)

Job Description
- Embedded engineer for robotic clinical laboratory systems
- Driver, system software and application design, development, and testing

Requirements
- Good knowledge in Assembly languages, C, C++, Java and object-oriented programming
- Good programming style and good interpersonal skill
- Experience in networking programming, cloud technologies, Wi-Fi and Bluetooth LE protocol,
  and RS232 CAN, 485, or other field bus communication protocols is a plus.
- Experience in PCBA is a plus.
- Self-motivated, able to work under pressure and eager of learning new technologies
- Frequent travel to PRC

(B) System Software & PC User Interface Software engineers (2 positions)

Job Description
- System development for robotic clinical laboratory systems
- Assist in analyzing and specifying systems requirements and design
- Develop system software codes, scheduler, database, communication framework, pattern recognition and data mining codes, user interface codes
- Perform application testing, UAT, system rollout and support
- User documentation preparation

Requirements:
- Familiarity with C / C++, C#, Java and / or VB.Net.
- Good knowledge of multi-threading, object-oriented programming
- Knowledge in Database design and programming a plus
- Good analytical, problem solving, communication and interpersonal skills
- Experience in documentation, networking, system implementation, maintenance and support
- Proficient in both written and spoken English and Chinese
- Experience on RS232, CAN or other field bus communication protocols is an advantage

(C) Apps Developer

Job description
- Android and iOS developers to support our university industry collaborative projects on networked robotic clinical laboratory systems and on a virtual experience platform.

Requirement
- Knowledge in software development and engineering
- interest and background in apps development
- experience in server programming a plus
- Training will be provided to motivated individuals