**Android Developer Wanted: Help with Women’s Health in Africa**

Jacaranda Health (jacarandahealth.org) is a nonprofit organization looking to change the way that maternal healthcare is provided in Africa. We are building a chain of maternity clinics providing world-class care to low-income women in Kenya. These women have poor options for seeking care during pregnancy, and their likelihood of dying while giving birth is a hundred times higher than it is in Europe and the US. Jacaranda is bringing together the best clinical and technology innovations from around the world to help improve health outcomes in our clinics.

We think an Android tablet can play a critical role in improving care by allowing nurses to track vital signs more effectively and make split-second decisions. We’re seeking a skilled developer to help with a project on the cutting edge of maternal health, which has the potential to impact millions of women.

At the core of the project is an electronic version of a simple paper tool called the partograph, which maps the progress of women’s labor, and helps nurses identify when to refer patients for emergency c-section. We want to create an Android version of the partograph, which will improve the functionality and usability of this important tool, and ideally launch it with our new clinic in April.

We are seeking an Android developer confident and experienced enough to design an application that nurses can master easily and we can maintain with little expertise. The developer can be based in the US or Kenya, and the project will involve these responsibilities:

* Collaborating with our clinical advisors at Harvard and in Kenya to sketch out the functionality and user interface of the application.
* Software design, implementation, and debugging
* Communicating with nurses to fine tune software in a clinical setting, e.g. during regular deliveries and emergencies.
* Assistance with selecting the most appropriate tablet to run it on in our clinics.
* Some strategic work helping us think through our other needs, such Android data entry for community health workers in the field, triage of new patients, etc.

Desired Applicant Skills:

* Experience developing on Android or other mobile platforms.
* Working knowledge of Java and OOP best practices.
* Writes clean, well-documented code that can be easily maintained.
* Ability to create a simple and intuitive UI for use by local nurses.
* Experience walking a product through the entire design, development and launch strongly preferred.

We imagine this as a two- to three-month full-time commitment, although we can be flexible with the right person. It is volunteer position, but we can provide a stipend to help with living expenses. The benefits:

* An opportunity to apply your skills and creativity to have a direct impact on women and children.
* Good exposure to the world of healthcare and social enterprise in Africa.
* Your software will be put to use saving lives immediately.
* If we can demonstrate success with it, there will be interest from the global health and the “IT for development” communities – and a chance for recognition for this work.

To apply, please send a note and resume to [jobs@jacarandahealth.org](mailto:jobs@jacarandahealth.org), and mention “Android” in the subject line. Links to relevant past projects and code samples are also welcome.