

5.6M child deaths are caused by malnutrition each year. Millions of children are suffering from the long-term consequences of malnutrition. Therefore, the United Nations have set the goal of Zero Hunger by 2030. In the fight against malnutrition, detection is one important step. But detection is not easy. Measuring children with traditional methods is still a complex, slow and expensive task, frequently resulting in poor data and wrong assessments of the situation.

Our mission

To solve those problems, we are developing an innovative tool that will change the traditional way of detecting malnutrition of children. Our solution will replace unreliable hardware with software. This is a game-changer in the industry and will help saving millions of children's lives.

Our solution

The Child Growth Monitor uses augmented reality enabled smartphones to record 3D scans of children. Artificial Intelligence is used to predict their height, weight and middle upper-arm circumference.

We are looking for experienced IT experts who like the idea of working for a non-profit, open source, social cause. You will start working in a dedicated team of IT specialists as

Open Source Maintainer for Android Apps (m/f) Globally, preferably in India

This posting concerns a short-time assignment of 4-5 months working for Welthungerhilfe in a freelance capacity in order to help us develop our app.

Your experience:

- Extensive experience in Open Source software, community and tools
- Expert in Android development (Java, C++ knowledge is an advantage)
- Familiar with ARCore, Tango, Tensorflow lite, Point Clouds and 3D
- Knowledge in Appcenter.ms and general use of APIs and automation tool chain

Soft Skills:

- Well-organized and focused on the important tasks at hand
- Team player / valuable addition to our scrum team
- Self-learner with curious mind-set

What we offer:

- Working on one of the most urgent problems of mankind: solving the world hunger by 2030
- Working in an international, vibrant team
- Learning from renowned and experienced AI experts and IT specialists
- Pioneer work in the field of anthropometric measurement via AI

Time Frame:

- asap until the end of 2019

Your qualifications will include:

- Degree in IT, engineering or comparable; or studies like statistics, operations research, mathematics, bioinformatics
- Experience in agile projects with at least 5 years of work experience
- Good English communication skills

We are an open source and non-profit organization working on Zero Hunger 2030. We are looking to grow our team based on freelance work that will transition into permanent appointment as we reach our next milestones. Please send your CV, cover letter, availability and offer with day charge to by e-mail, by August 31st 2019 to info@childgrowthmonitor.org.

Want to know more?

Have a look at our Github account or at our other resources:

[Github](#), [Website](#), [Twitter page](#), [Microsoft - video about Child Growth Monitor](#), [BCG Digital Ventures - video about Child Growth Monitor](#)