

Call for IT experts (volunteer position)

5.6M child deaths are caused by malnutrition each year. All of those lives could have been saved. Hunger is the biggest solvable problem in the world. In the fight against malnutrition, detection is the most important step. But diagnosis is not easy. Measuring children is a complex, slow and expensive task, frequently resulting in poor data and wrong assessments of the situation.

Our solution

The Child Growth Monitor uses a mobile phone to record images (3D model, point cloud) of children's bodies in combination with Artificial Intelligence (AI) to calculate height, weight and middle upper-arm circumference (MUAC). Once the solution is fully functional this will equip anyone with a smartphone to diagnose the grade of malnutrition of a child in real-time. Our goal is to make Child Growth Monitor cheaper, quicker with better quality and deliver results in real-time - giving healthcare workers and parents a tool to diagnose ad-hoc and monitor a child's nutrition status over time. More information can be found here:

Who we are looking for?

We are looking for IT volunteers who are interested to support a social cause in a non-profit environment. We need you immediately for 50 days (option for extension) to work with our dedicated team of IT specialists. We want to onboard volunteers for the following tasks.

- Quality Assurance/ 2nd level support
- Quality Assurance/ 3rd level support
- Data Scientists (multiple)
- Development/ Maintenance

Qualifications

- Master degree in IT, engineering or comparable statistics or studies like statistics, operations research, mathematics, bioinformatics
- Experience in agile project management 1 year of work experience in this field
- Candidate should have experience in apps development & knowledge of Java is a must (minimum 3 years of experience) for this position.
- Good communication skills
- English language skills

Terms:

We are a non-profit organization supporting Zero Hunger 2030; we rely on pro-bono work, but can contribute a minimum day allowance of 50 USD (*50 days) based on a service contract. Sent your interest note with day charge offer until 15th March to info@childgrowthmonitor.com. Please do not wait until this date, we are onboard immediately.

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

Are you interested?

... then have a look at our Github account. github.com/Welthungerhilfe/ChildGrowthMonitor).

... and send your application (CV plus cover letter) to info@childgrowthmonitor.com

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