Linear Programming COVID-19 School Reopening Project
Call for Computer Science Student Volunteer - 2022

General Information

Simbi Foundation is a UN-partnered non-profit organization working to enhance access to education in remote regions and refugee settlements in Uganda and India.

We achieve this through our solar-powered educational technology solutions (BrightBox), our research-driven Think Tank approach, and our collaboration with partner school communities.

Our research Think Tank is made up of university students from different levels, backgrounds, and disciplines who conduct robust research with Simbi Foundation in a volunteer capacity. Learn more about our research [here](#).

COVID-19 School Reopening Project

The COVID-19 pandemic has significantly impacted schools around the world, but has especially created barriers for remote schools without WiFi infrastructure - and a subsequent inability to conduct online learning. This has resulted in many remote and refugee-hosting schools in Uganda remaining entirely closed for a period of almost 2 years.

Since the early summer of 2020, Simbi Foundation volunteer researchers have been working to research and design tools to support our partner school communities in United Nations refugee settlements in Uganda with taking additional safety precautions inside classrooms. For instance, they have developed the foundations of a digital tool to help calculate the number of students that can fit in a given classroom space when abiding by social distancing.

Call for Computer Science Volunteer

We are now seeking a Volunteer Computer Science student with 2-4 available hours per week to support with the completion of the project by:

- Converting the completed calculations into a functional spreadsheet or simple web-based calculator.

This is a unique research opportunity for you to use your academic skills to create a positive impact. If you are interested in this research opportunity, or would like to learn more, please reach out to eli@simbifoundation.org with a resume. We look forward to hearing from you!