

Global Health Project:

If you are interested in the below opportunity send a resume and cover letter

Contact : **Andrea**

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Global Health Impact project (global-health-impact.org) is looking for students to help them. Our project launched at the WHO in 2015 and you can find some news about it under the news tab on our website from NPR, Voice of America, the Wall Street Journal etc. We have three positions that would be ideal for Computer Science students (though our greatest immediate need is for a web developer). Here is some basic information about what we are looking for:

Computer Programmer I - The responsibilities of this position include building statistical models and analyzing them for the Global Health Impact Index. The intern will build statistical models for the Global Health Impact Index and work with our Modeling Team to help us run some monte carlos on our models (see handbook here for some information we provide news students on this part of the project). Here is my article in PLOS that provides some more basic information about the project/model in its earlier stages The Global Health Impact Index: Promoting Global Health. Required skills include proficiency in Microsoft Excel and R or a similar application.

Web Developer - we are looking for someone to help us develop a new website (we have have a graphic designer mock up each of the pages that need to be done but need to re-host our data to show the site to you but it is about 1/2 way done. Still, here is some general information about what the last programmer did: https://docs.google.com/document/d/1U2ka8_fAbtQmAV4XrtOYfHpXYLMQI3x5GTv6WwUtkUQ/edit and the mock ups are here in the various folders if you want to take a look: <https://drive.google.com/drive/u/0/folders/0B8OeksqIZnIYdTJYN1V3eGRUTWs>). Proficiency in Python, JavaScript, HTML/CSS, are needed for the website. Eventually, we would also like to program a downloadable software application for forecasting based on the website, though this can be a separate project.

Computer Programmer II - here we are looking for someone to automate our data collection/analysis processes especially for collecting and analyzing data for our systematic review of efficacy data. Here is some information about how students currently conduct systematic reviews. We want to create a program to generate a list of appropriate abstracts automatically. Ideally, the student would also build a system that can read the abstracts and/or papers and populate an excel doc with resulting data (see handbook here).

Generally we require students to work with us for 10 hours per week over the course of at least a semester, and to have at least a 3.5 GPA but per your department recommendation we are happy to flex here. This semester we are meeting on Tuesdays from 3 - 5 PM and, ideally, the students should be available then.