

Master's thesis/internship: Flood Disaster Project

Infoplaza is looking for a student who is interested in meteorology, has experience in numerical weather prediction and programming skills and who is interested in solving societal issues.

Together with a couple of other companies, Infoplaza is involved in a project aiming to warn the citizens of Accra, Ghana's capital, for flash floods. Every year many people lose their lives by the rapidly rising water. An adequate warning system could help the, often poor, citizens to get to shelters in time.

What would be your job?

All employees of Infoplaza are given the opportunity to utilize and further develop their talents. The majority of your assignment would comprise the meteorological part of this project. Which numerical weather model is best to use, which parameterization schemes show the best performance and how can we utilize already existing observation systems? It is your job to investigate these questions, verify results, preferably implement your optimal solution, and write a report on the performance of the developed weather model and the improvements to be made.

At Infoplaza a large number of state-of-the-art techniques are currently in use for many other purposes. It would be your job too to create a robust system using existing and newly developed modules to make sure that the output of your weather model can be used in our existing production.

Where is Infoplaza located?

Infoplaza is located in the heart of Dutch media, the Media Park in Hilversum, in between the offices of NOS and RTL. Approximately 15 fulltime professionals are working there to create a bigger and better future. There is an informal atmosphere in the office.

Who are we looking for?

If you have the following capabilities, we would like to hear from you:

- General meteorological knowledge
- Experience with numerical weather prediction models like WRF
- Programming skills
- Good communication skills
- English language skills, both written and spoken
- Flexible
- Customer friendly
- Willing to travel to Ghana, if necessary
- Available at short notice

What do we offer?

Infoplaza offers every student a monthly compensation. Furthermore, travel and communication expenses will be compensated in case these costs are essential for fulfilling the job. We prefer to find someone willing to do a master's thesis at Infoplaza, but an internship for several months would be negotiable as well.

Want to apply?

Send your resume with an accompanying letter to hr@infoplaza.nl. Infoplaza aims to fulfill this master thesis/internship as soon as possible.

