

Maturity level and Roadmap of the proposed solution

The work I am submitting is the outcome of significant effort in designing a solution that would essentially and effectively strengthen our defense against the devastating power of natural phenomena.

By dedicating most of the time, in understanding the problem in as much as possible more of its parameters and deploying the knowledge so far gained through my experience in the field of Computer Science and Artificial Intelligence, I constructed an initial outline of a system that is expected to bring benefit in addressing this specific issue and in other sectors of human's functioning activity.

Also, I delved into an important issue, that of effective communication and orchestration that is essential for the good performance of any kind of system and which's achievement is a big challenge in systems' design, implementation and operation. I came up with an interesting approach to deal with it, which it couldn't be otherwise, but bioinspired, from the communication mechanism that nature uses in our bodies to achieve the communication of its constituent parts, namely the endocrine system. This approach seems promising to be applied to other types of systems and to other sectors of society as well.

I was occupied approximately twenty days for this work, though I haven't yet implemented the suggested solution on any specific platform or programming language and hence I have not conducted experimentation on it, yet, which is very important, as it can provide us with a more comprehensive understanding of the functioning of the solution.

If this constructed idea was embraced and put into production, I would definitely support it with consistency. Otherwise, I would follow the investigation of this work at a pace, more suited to my schedule of work and to my professional interests.

At either case, Call for Code challenge and each and any idea, proposed in the frame of it, intrigued our creativity on a good purpose and this is really good.