Initiative featured at the RIAC's Report developed to support countries' efforts to address COVID-19's impact

Artificial Intelligence Systems to Overcome the Challenges of COVID-19

Multiple Entities

🟢 Brazil

Shared by: Foreign Ministry of Brazil through the Permanent Mission of Brazil to the Organization of American States (OAS)

The Foreign Ministry of Brazil through the Permanent Mission of Brazil to the OAS reported the following Artificial Intelligence systems developed by institutions of the private and public sectors in Brazil.

- **Non-Contact Thermometer that Incorporates Computer Vision**
  Hoobos and Radsquare, as incubated in the Albert Einstein Hospital.

  Using their artificial intelligence and health technology expertise, the Brazilian startups Hoobos and Radsquare developed a system that measures people's temperature at distance through computer vision to help identify possible COVID-19 patients. The system is called Fevver and uses artificial intelligence to detect fever. When installed in hospitals, Fevver can automatically inform nursing staff after identifying a person with fever.

  Additional Information:
  http://www.fevver.ai/en/
  http://www.fevver.ai/documents/Fevver-Rad2-HBX-en.pdf
  https://hoobox.one/
  https://www.radsquare.ai/

- **Virtual Assistant that Facilitates Blood Donation**
  Savelivez

  The Brazilian startup Savelives applies data science to health technologies and participated in the Startout Brasil to expand to international markets. Savelivez developed a virtual assistant called Livia.bot to facilitate blood donation as blood banks have been affected

due to the COVID-19 outbreak and social isolation measures. The web robot is a software that uses machine learning to provide information about the location of centres to donate blood as well as COVID-19 symptoms throughout Brazil.

Additional Information:
https://savelivez.com/en/
https://bit.ly/3dZ50zb
https://bit.ly/2Tut1Xo

- **Artificial Intelligence Analysis of Thorax X-Ray Exams**
  Neuralmed

  Neuralmed is a Brazilian company that develops artificial intelligence tools to improve the analysis of imaging exams, especially in radiology. Based on this expertise, Neuralmed developed a platform that helps diagnose CORONA-19 through x-ray images of the thorax using artificial intelligence, which can identify dark spots or disease-related parenchymal changes. A simplified version of the main software is available for free.

  Additional Information:
  https://neuralmed.ai/blog/toolcovid/
  https://raiox.neuralmed.ai

What support does the initiative needs?
Investors/partners to scale the technologies and solutions