Stanford



Eduardo Pontes Reis

Affiliate, Rad/Pediatric Radiology

Bio

BIO

I'm a visiting scholar at Stanford AIMI Center, working in the intersection of Artificial Intelligence and Medicine. My purpose is to contribute to our understanding of intelligence. And our best chance to achieve this is through AI.

Research highlights:

- Published BRAX, the Brazilian Chest X-ray Dataset - https://www.nature.com/articles/s41597-022-01608-8

- Open-sourced the PyTorch implementation of ConVIRT (Y Zhang et al), a contrastive learning method for radiologic images and text (before CLIP) - https://github.com/edreisMD/ConVIRT-pytorch

- Released Brain Hemorrhage Annotations - Brain Hemorrhage Extended - BHX (https://physionet.org/content/bhx-brain-bounding-box)

At Hospital Israelita Albert Einstein:

- Started the Health Story project, a medical history timeline to support research and a more personalized clinical practice

- Ran the development of AI algorithms for diseases of national importance: Tuberculosis, COVID, Melanoma and Head CT

INSTITUTE AFFILIATIONS

- Member, Maternal & Child Health Research Institute (MCHRI)