

Abstract

TensorFlow

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Poster size: Landscape- 42''w x 36''h

Our goal was to contribute to a software called TensorFlow and help fix the bugs and other issues that other users have left on their bug tracker forum. TensorFlow is an open source machine learning framework that is used to implement machine learning and deep learning applications faster and easier and was originally developed by Google. Instead of dealing with all the details of implementing algorithms, it focuses on the overall logic of the application and takes care of details behind the scenes. It can train and run deep neural networks for handwritten digit classification, image recognition, word embeddings, recurrent neural networks, sequence-to-sequence models for machine translation, natural language processing, and PDE (partial differential equation) based simulations.

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