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ABSTRACT

Every human comes across multiple statues in their day to day life and most of the histories of well known sculptures are unknown to us. Designing a model to classify the images of those statues to be recognized and reveal history would be a great value addition for tourists, travelers, students, and many more audience. In this work, we aim to develop a system using convolutional neural network(CNN). This CNN model takes the number of images captured in various atmospheric conditions as input and gets trained accordingly with maximum accuracy using tensorflow and keras libraries. We aim to collect 100 to 130 raw images(datasets) of the sculpture(Christ the Teacher) from all possible directions, angles, and occlusion. The statue is located in front of the Fitz Hall within the campus of University of Dayton. The trained model will be then imposed into a handheld device so that any person who captures it in real time will get to learn its history along with a brief description. The main aim is to design this model which can be used as an established method to provide knowledge of the well known statues which we come across in our life.



