

Jared Kelnhofer

Project 7 Pre-Proposal

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For Project 7, I would like to work on a model that is able to accurately detect text in an image and approximate a bounding box. The dataset that I would like to use is located at [http://www.iapr-tc11.org/mediawiki/index.php?title=MSRA_Text_Detection_500_Database_\(MSRA-TD500\)](http://www.iapr-tc11.org/mediawiki/index.php?title=MSRA_Text_Detection_500_Database_(MSRA-TD500)) and is not too large for my computer to handle. I think the main challenge will be for me to gain an intuition about what features are important in this dataset, so that I can choose my CNN layers correctly.