Applied Deep Learning
Assignment 1 - Initiate

Marko Gugleta

October 20, 2024

1 References to at least two scientific papers that are related to your topic

A Study of The OCR Development History and Directions of Development Junmiao Wang Nanjing University of Posts and Telecommunications Nanjing, China

Computer Vision Intelligence Test Modeling and Generation: A Case Study on Smart OCR Jing Shu, Bing-Jiun Miu Department of Computer Engineering San Jose State University San Jose, USA jing.shu, bing-jiun.miu@sjsu.edu Eugene Chang ALPSTouchStone, Inc. USA eugenechang2002@gmail.com Jerry Gao , Jun Liu Department of Computer Engineering San Jose State University San Jose, USA jerry.gao, junliu@sjsu.edu

2 A decision of a topic of your choice

Text recognition (OCR) for receipts.

3 A decision of which type of project you want to do

Bring your own method.

4 Summary

For this project I plan to create an OCR model to translate images of receipts to computer text.

Dataset that I plan to use: `https://www.kaggle.com/datasets/trainingdatapro/ocr-receipts-text-detection`.

4.1 Work breakdown