

Daily Log

Tuesday September 3

Researched handwriting recognition projects found a project that distinguished nationality based on handwriting samples, one that distinguished gender, and one that determined the age of the writer. Found another project that used an LSTM for isolating characters before analyzing them, which could be useful in my project. Found the IAM database that has tons of handwriting samples attributed to specific authors, which could be very useful for data.

Thursday September 5

I continued research on handwriting identification, looking further into the nationality identification study I found yesterday. I also looked further into convolutional neural networks to better understand their potential use for the project. I began to draft the proposal for this project, writing our rationale for doing the project and beginning to write about the specifics on how we will actually accomplish our task.

Timeline

Date	Goal	Met
N/A	N/A	N/A
August 27 - 30	Find a viable project to switch to	Yes, began work on handwriting identification project
September 9 - 13	Research handwriting identification and finish proposal	No, we wrote the rationale and a description of how the project will work, but it is not completely finished yet.
September 16 - 20	Finish proposal and research on CNN's	
September 23 - 27	Break sample documents into squares of text that will be used as data	

Reflection

This week, we decided that our original idea to do rowing technique analysis might not be a viable project, so we decided to switch to a handwriting identification project. We were able to get through a lot of research about handwriting analysis in computer vision and begin drafting our proposal, but did not have time to completely finish our proposal.