Week 6

Zach Daniels

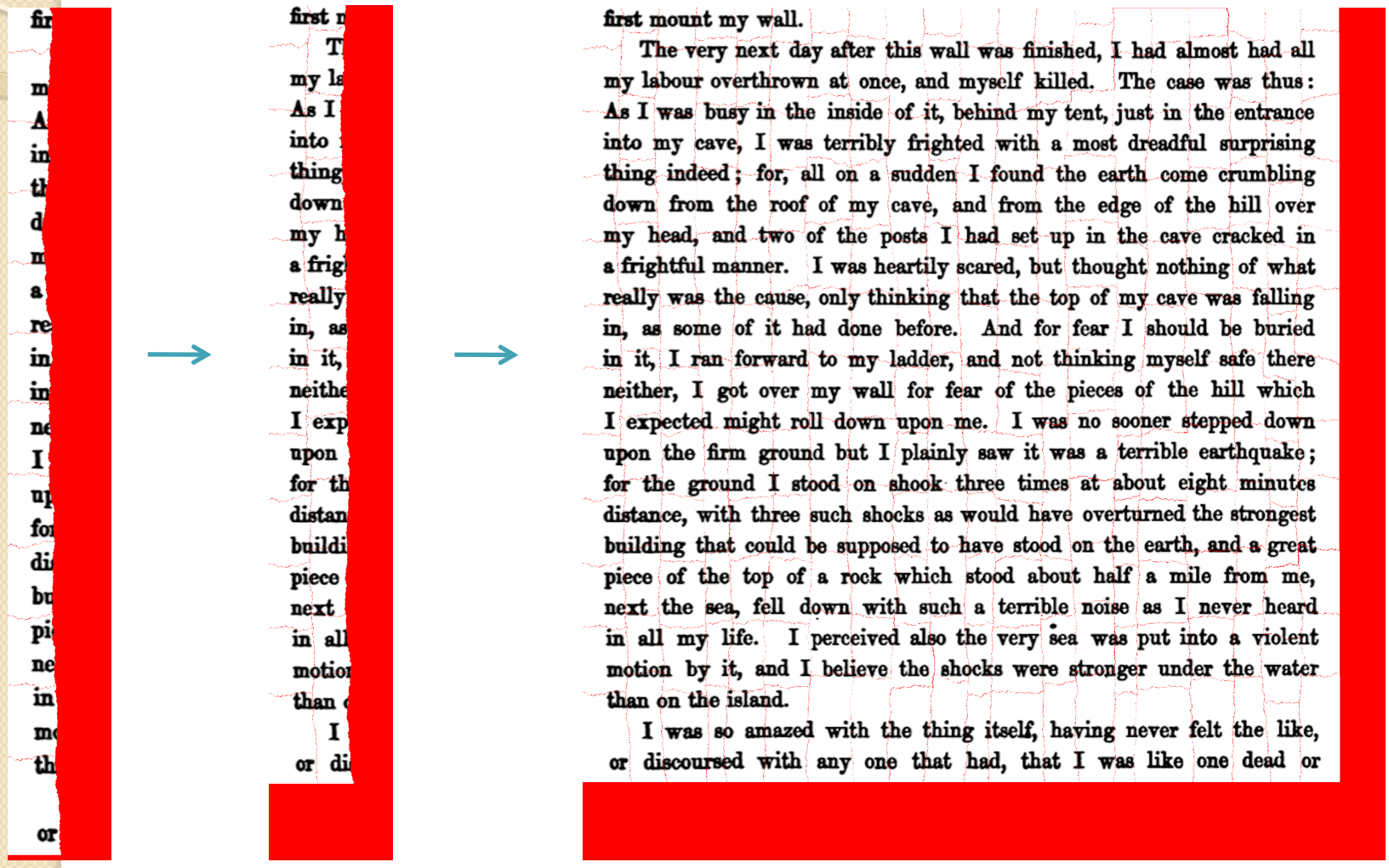
Solved Synthetic Document

first mount my wall.

The very next day after this wall was finished, I had almost had all my labour overthrown at once, and myself killed. The case was thus: As I was busy in the inside of it, behind my tent, just in the entrance into my cave, I was terribly frighted with a most dreadful surprising thing indeed; for, all on a sudden I found the earth come crumbling down from the roof of my cave, and from the edge of the hill over my head, and two of the posts I had set up in the cave cracked in a frightful manner. I was heartily scared, but thought nothing of what really was the cause, only thinking that the top of my cave was falling in, as some of it had done before. And for fear I should be buried in it, I ran forward to my ladder, and not thinking myself safe there neither, I got over my wall for fear of the pieces of the hill which I expected might roll down upon me. I was no sooner stepped down upon the firm ground but I plainly saw it was a terrible earthquake; for the ground I stood on shook three times at about eight minutes distance, with three such shocks as would have overturned the strongest building that could be supposed to have stood on the earth, and a great piece of the top of a rock which stood about half a mile from me, next the sea, fell down with such a terrible noise as I never heard in all my life. I perceived also the very sea was put into a violent motion by it, and I believe the shocks were stronger under the water than on the island.

I was so amazed with the thing itself, having never felt the like, or discoursed with any one that had, that I was like one dead or

How:



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Problems

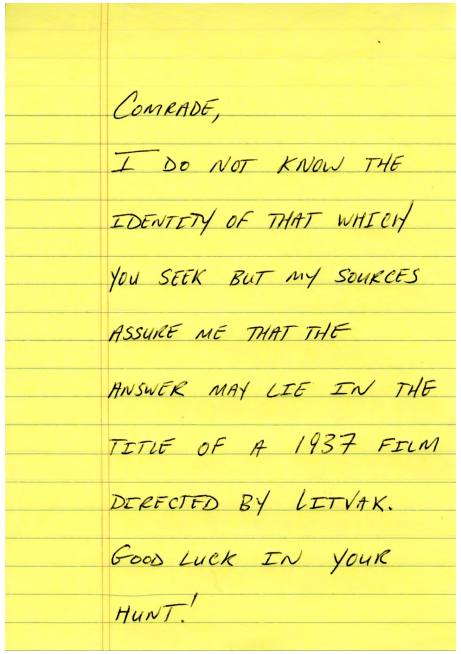
- Solution unlikely to work on real puzzles
- Edges still not noisy enough
  - Even with little noise, still heavily requires the use of an oracle that simulates human interaction
- Switch focus completely to real shredded document

Oracle Constructor



→ Preprocessing → Correlation →





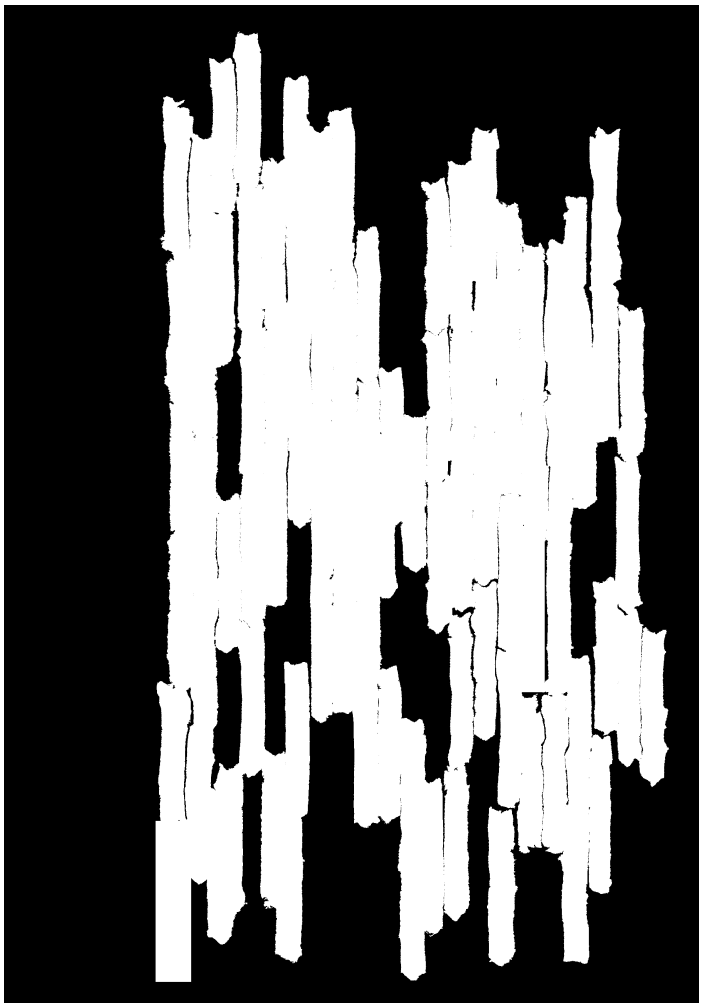
x-position
y-position
height
width

→ Human Input

↓

letters on shred

Results of Oracle



Results of Oracle

