

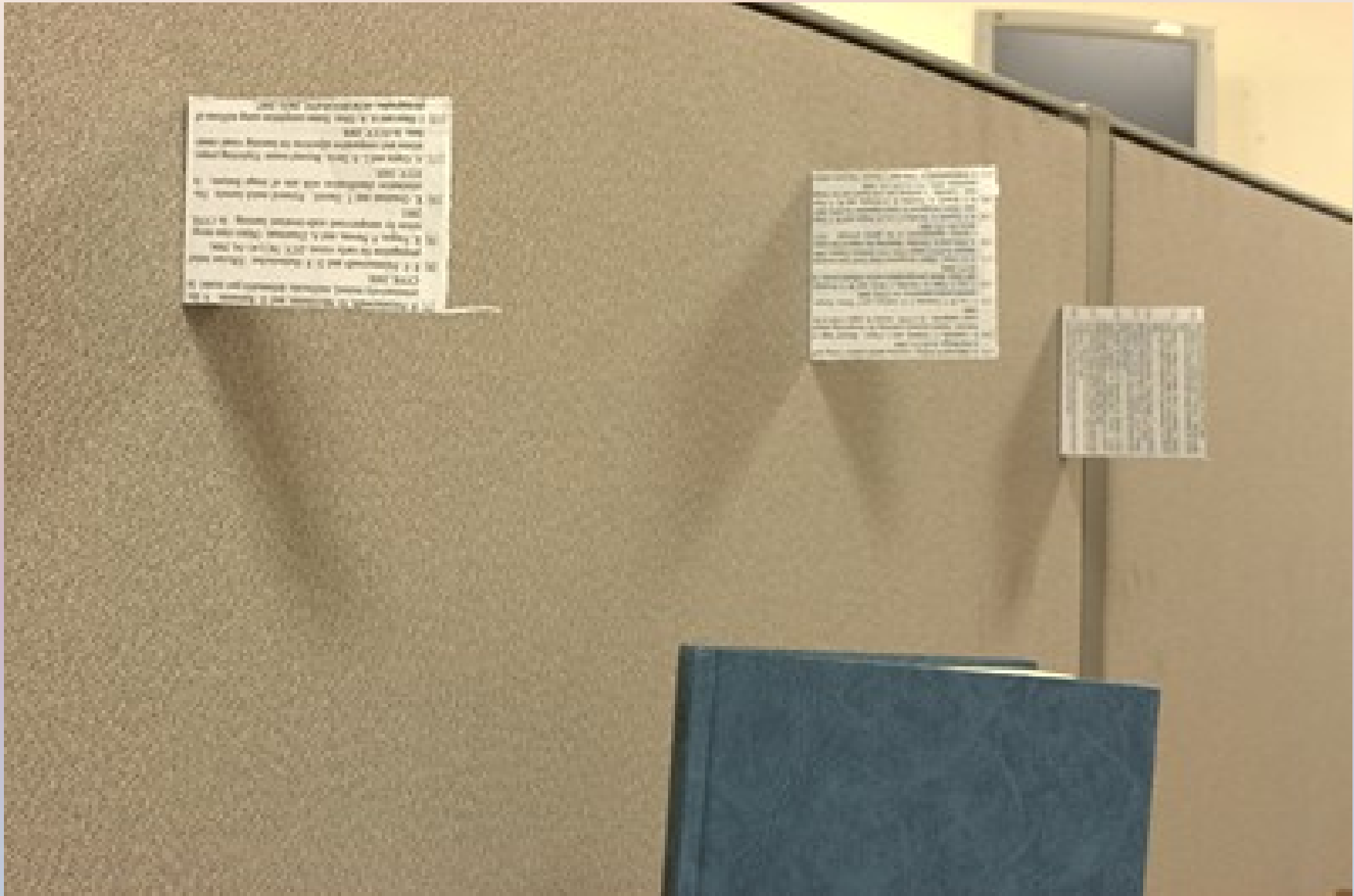
REU – Week 7

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July 2nd, 2010

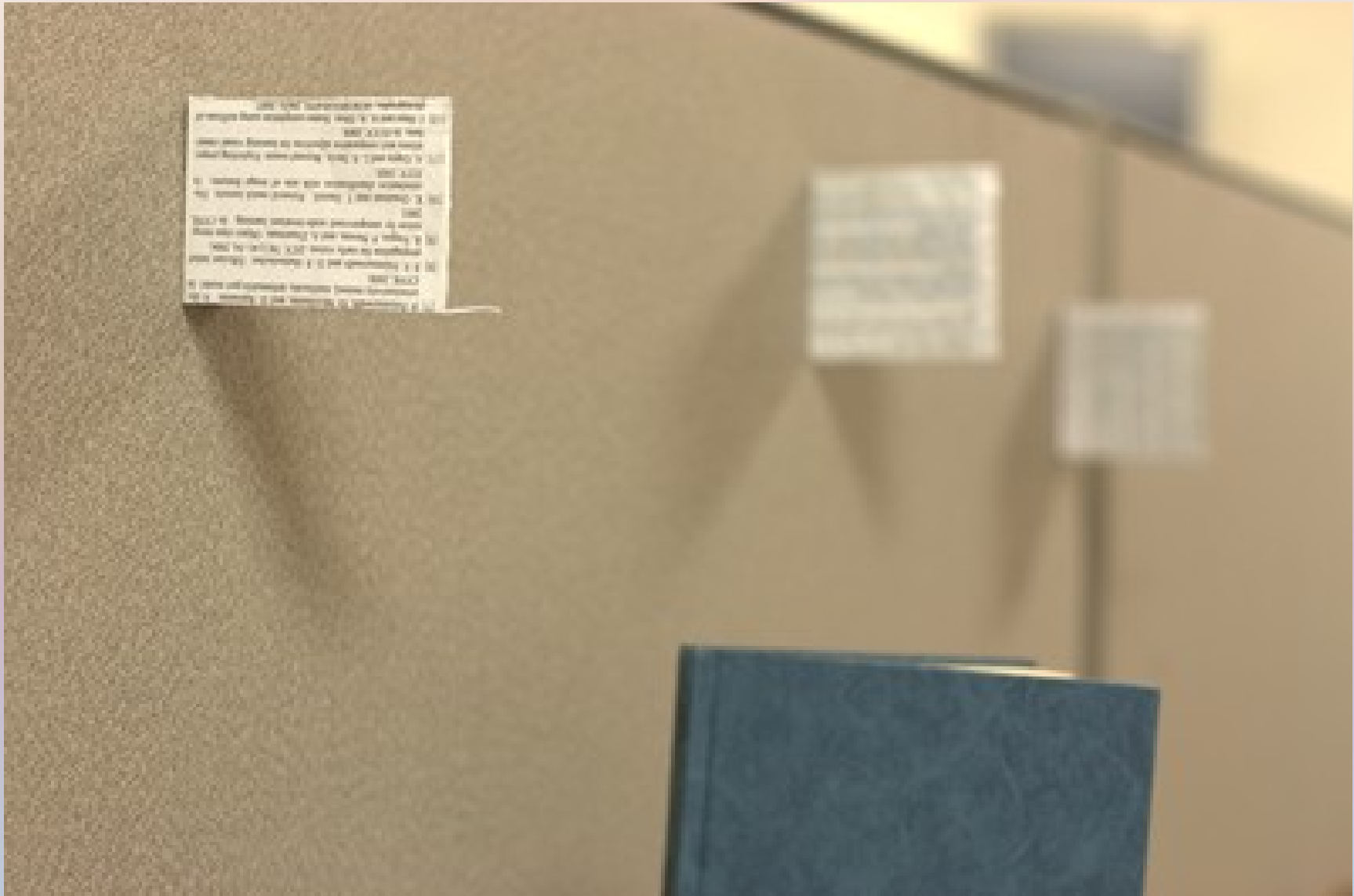
Overview

- Smoothing weights
 - Better results than last week
- Studying code
 - Line-by-line understanding
- Adapting code to experiment with data costs

Example



Example



Example



Code

- Finished reading code
 - 355 line main function
 - 850+ lines of source code
 - Big C++ project, a lot to understand
- Line-by-line understanding
 - Understanding the project thus far won't be limiting factor in ability to modify and experiment

Modification

- Currently adapting code to play with MATLAB
 - Helps visualize changes to data cost
- Adapt data cost to handle sharpening
 - Currently only blurs
 - Previous work changed focus instead of aperture
 - Need to adapt code to work on their datasets