REU – Week 7

Kevin Kyyro
July 2\textsuperscript{nd}, 2010
Overview

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