

Week 1

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Some tips

- When doing Canny edge detection, don't get X and Y confused.
- Matlab built in functions makes every program much easier.
- Optical flow is a basic component of other things you will be working on.

What I've done

- In the vision class, I read the Where am I paper by Amir Roshan.
- The purpose is to take an image and localize it to a position on earth (Lat/Long)
- Uses Google Maps Street View as dataset to compare sift descriptors with.

Proposed Research Subject

- Extension of "Where am I?"
 - Dataset is limited
 - Adapt to images from image repositories that have GPS tagging and can be used to create datasets for areas outside the StreetView.
(Beijing)