

Scrap book

Nayan Singh

January 7, 2015

1 Important things to remember

- Install opencv 2.4.10 to avoid problems with libraries related to SIFT.
- SIFT method is highly accurate in detection.
- CNN is other option.
- Interchange the HDMI port to get multiple GPUs working. Current setup works. Took a picture in iPad.
- Use codeblocks to execute *.cpp files in opencv.
- Ask Mr.Arash to order two SLI strips.

2 Things to do list

- Code works for webcam currently, modify it to read from a stored video.
- Try to draw SIFT descriptors on individual frames in opencv.
- Run entire algorithm for a single image.
- Write about the hardware details of GPU (GTX 770).

3 Hardware details

- Available GPU - Nvidia GeForce GTX 770

4 Linux commands

- `nvidia-smi -q` : To view details about connected GPUs.
-