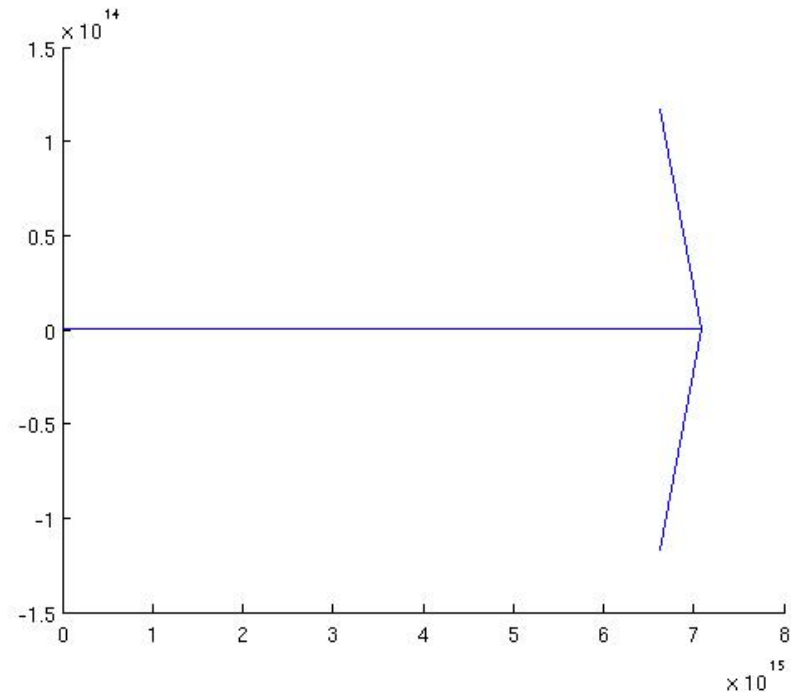


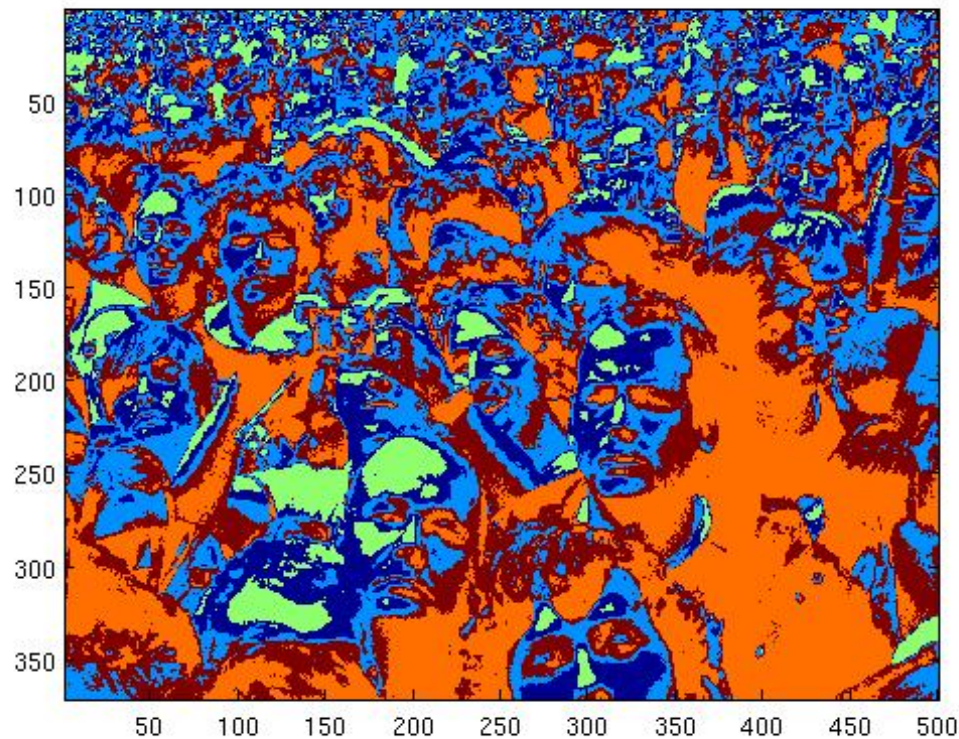
Progress Report, Week 2

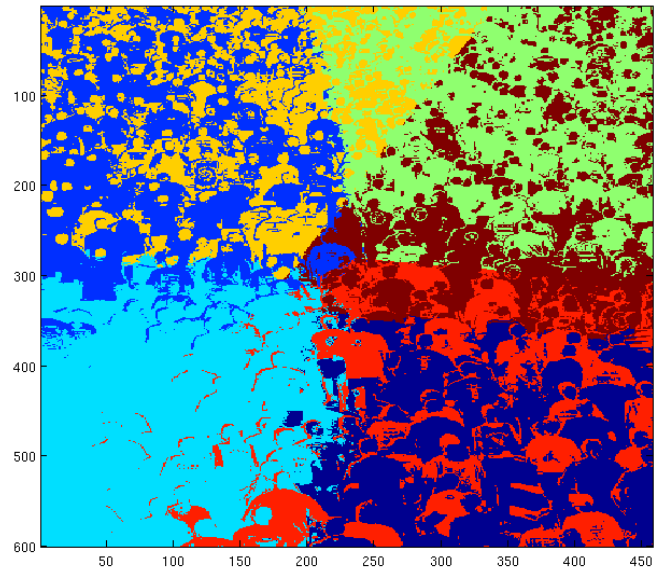
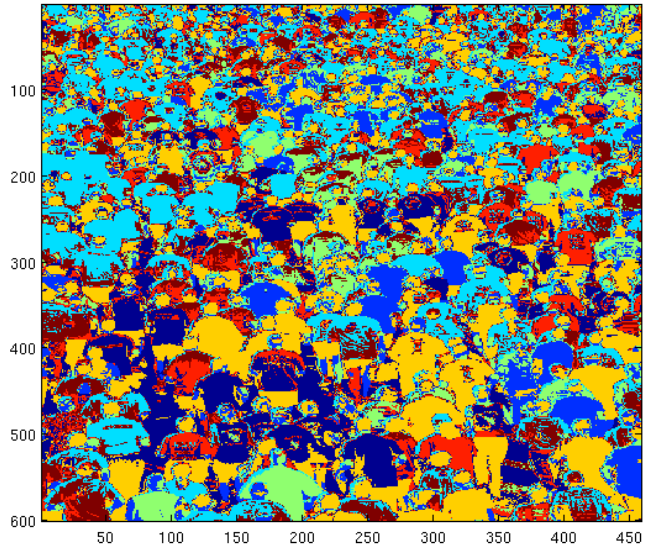


Daniel Kennedy

Clustering

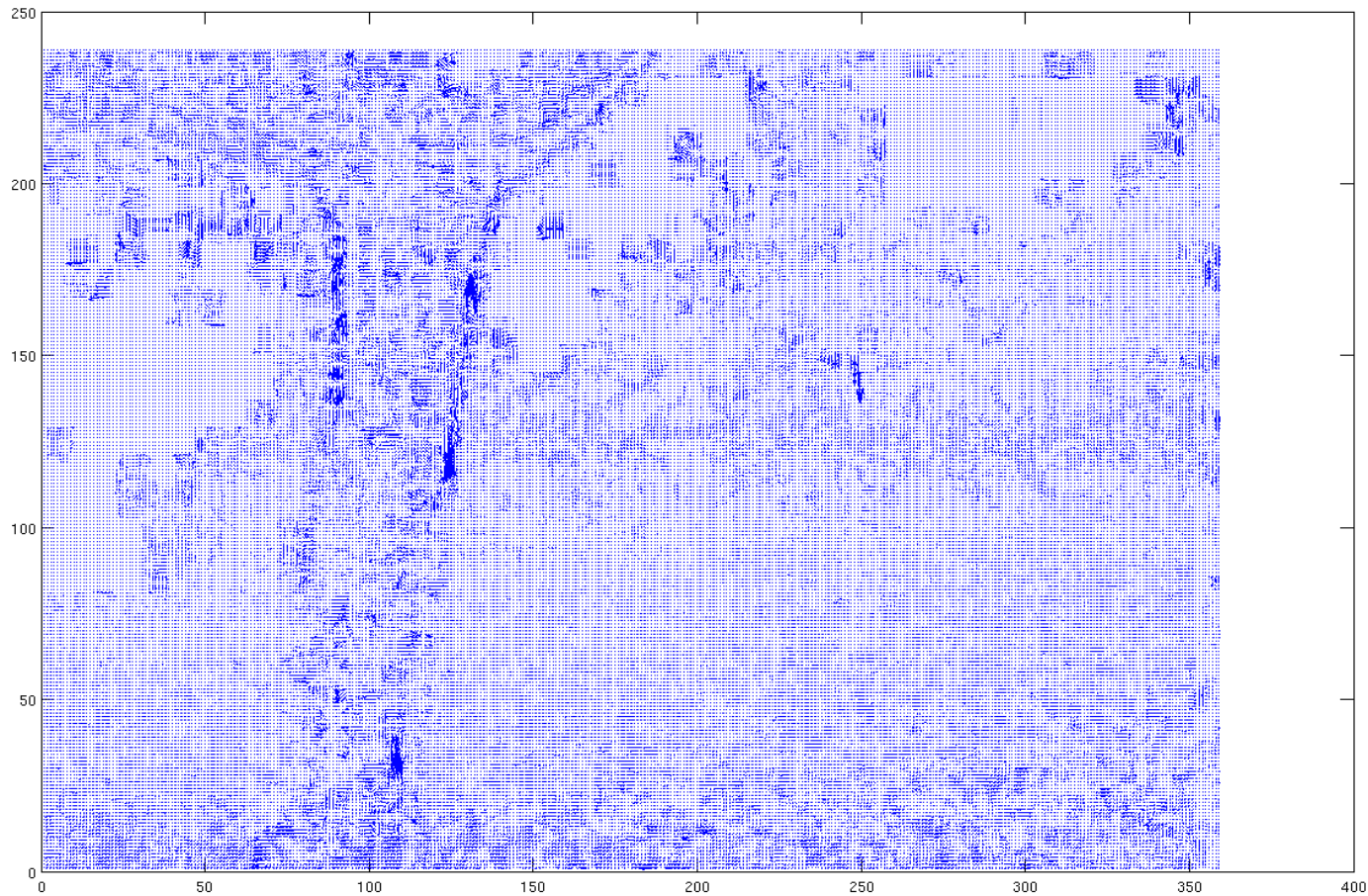
Implemented k-means for clustering
by color intensity and by position





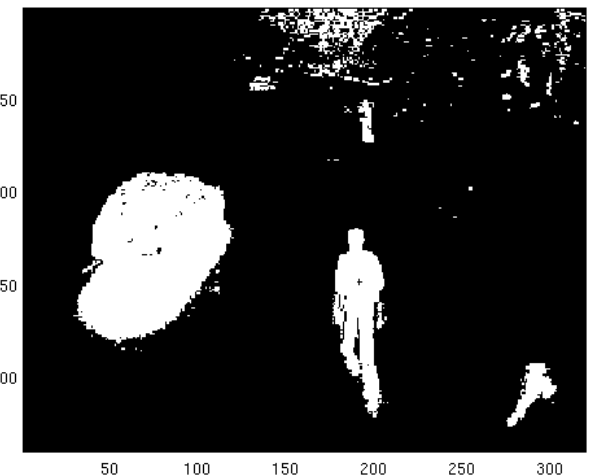
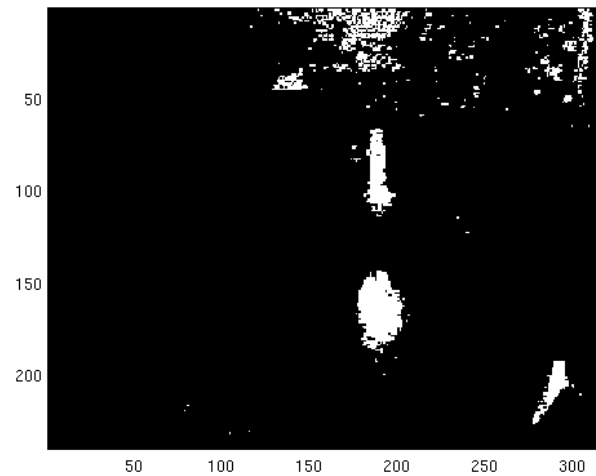
Optical Flow

Implemented Lucas-Kanade algorithm for optical flow:

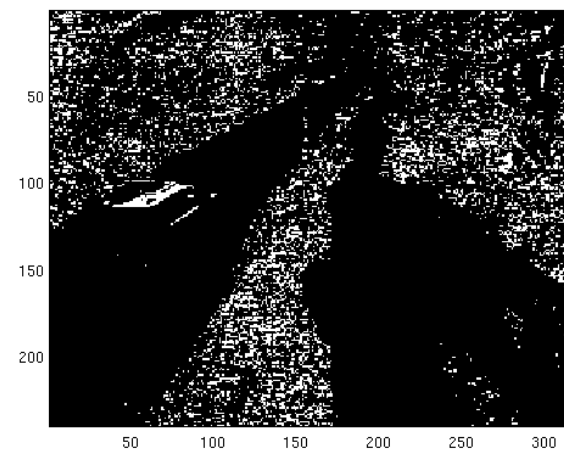
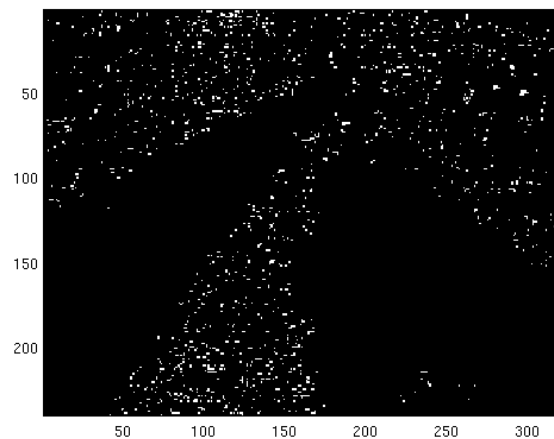


Background subtraction

First by subtracting the median pixels for an image cube



Then by subtracting the mean and dividing by the standard dev.



Research topic ideas

Topics that I was most interested in:

Position tracker

Where am I?

Facebook face recognition