Viterbi Internship - Random Ideas

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Contents

1 Face Detection

1.1 NN for finding what the hidden layers of the Net are doing

- Can try to analyze the hidden layers, to find which nodes are the ones which are capturing illumination invariant features and stuff like that.

1.2 NN

1.2.1 Filtering automatically with CNN

- Can try to remove the data bias from the database, by physically removing them using another NN
- Or perhaps automatically learning that these are not exactly relevant.