

Reconstructing Vehicles from a Single Image







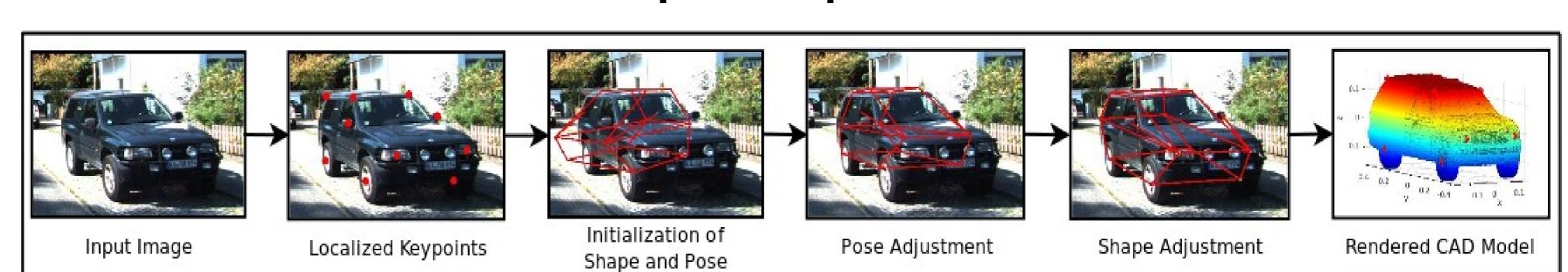


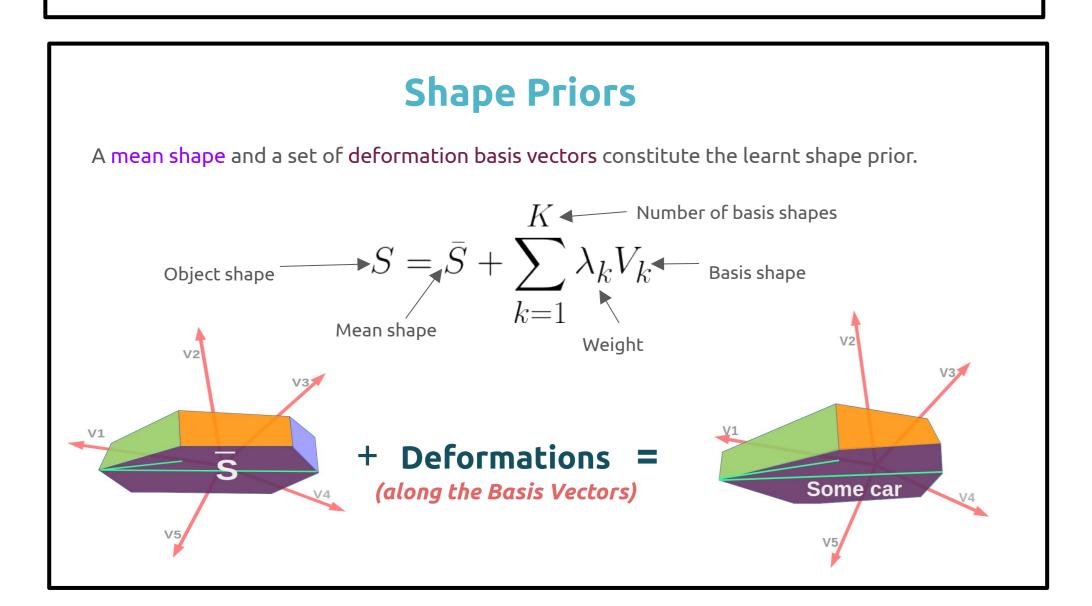


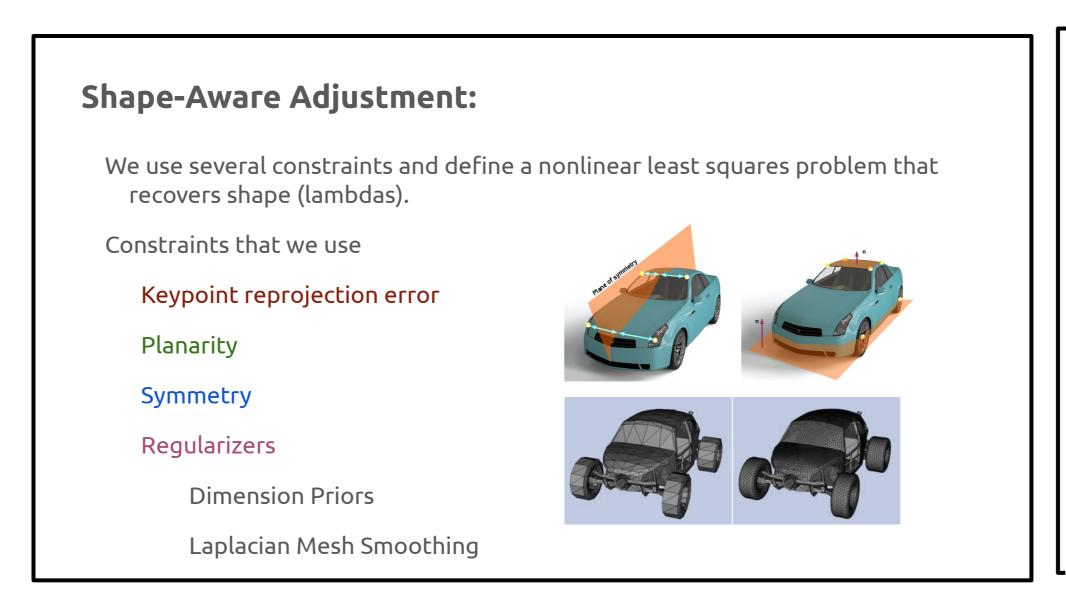
Input : RGB image of a car

Output: 3D Pose and Shape

Proposed Pipeline







Deep learning helps

 We train a deep, fully convolutional regressor to predict a set of discriminative **keypoints**, given an image.

