CMSC427 Fall 2017 Lab 7
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The 3D model was constructed from 35 images of a kitty toy using the freeware "Scann3D" on an Android phone (Scann3D has paid version which may produce better models). The images were taken while moving around the kitty, roughly one picture every 10 degrees and every two adjacent pictures overlap at least 90%. The 3D model of the kitty was reconstructed from the image set in about 5 minutes after tapping the "construct 3D model" icon. It's noticed that in the 3D model there is a hole below the kitty's tail, which is probably caused by the lack of image information about the region. In addition, the bottom of the model is uncapped likely due to the same reason.