Garden Statue - Boy with Goose 3D Scan

FishGee

VIEW IN BROWSER

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Summary

We have an old statue in our back yard that has been in my wife's family for generations. It stands about 2 feet high,...

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We have an old statue in our back yard that has been in my wife's family for generations. It stands about 2 feet high, and has a spout coming out of the gooses' beak that you can pipe water to for a fountain. It's been painted many times and the paint is thick and peeling, but it has lots of character. I decided to try to scan it and see if I could print it out in 3D.

I think overall it was a good result for a first time effort. For comparison, a video of the 123d Catch rendering is available here: https://youtu.be/lATga58Yqdc

Print Settings

Printer Brand:

Printrbot

Printer:

Printrbot Plus

Rafts:

Doesn't Matter

Supports:

Yes

Resolution:

.2mm

Infill:

15%

Notes:

For the small 60 mm white model, I used MadeSolid PET+ at 250C, 30mm speed but the small size didn't allow a lot of detail. For the larger 150mm print I scaled it 3X and used Arctic Silver PLA from Cubicity at 190C . I used the uploaded file with supports already generated for both prints.

How I Designed This

123D Catch & Meshmixer

I took 38 photographs of the statue in my back yard from every angle, with lots of overlap. I then used 123D Catch to stitch them together into a mesh. Then I imported it into Meshmixer to clean it up a bit and output an STL file of the statue by itself, and another of the statue with supports.

The 2 files are pretty huge, but my efforts to reduce their size resulted in too much loss of detail. Category: Sculptures

Model files

statue_meshmixer.stl

statue_w_supports_2mm.stl

Find source .stl files on Thingiverse.com

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