



YOUIMAGINE

"Rarity", a 3D Printed Automaton

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Located at: <http://www.youmagine.com/designs/rarity-a-3d-printed-automaton>

Short description:

A challenge from a friend.

Description:

<https://youtu.be/P9ws9W3nZrs> A waitress at our favorite sushi restaurant fell in love with a morisato54 (YouTube) automaton featuring the "My Little Pony" character "Rarity", and asked if I could design, 3D print and assemble a reproduction of the model, so this is my first attempt at her challenge. As those who follow me know, I'm not an artist, and this model was a challenge for me, especially the hair and tail features. The hair feature I finally decided to print in two pieces on my Ultimaker S5 using PVA for support. My sewing skills are equally challenged, so my wonderful wife stepped in to sew the test fabric that appears in the video, as well as selecting the various colors for the model. As usual I probably forgot a file or two or who knows what else, so if you have any questions, please do not hesitate to ask as I do make plenty of mistakes. Designed using Autodesk Fusion 360, sliced using Cura 4.6.1, and 3D printed in PLA on an Ultimaker 2+ Extended, an Ultimaker 3 Extended and an Ultimaker S5.

If you can, please use the online documentation found at <http://www.youmagine.com/designs/rarity-a-3d-printed-automaton> because those may have been updated. Also, there you can interact and provide praise and/or feedback.