

In this project, we were supposed to combine 2 or more human scans into one mesh. I decided to create 'Mt. Friendmore" using scans of me and my friends in place of the presidents on Mt. Rushmore. It was a challenge switching between OpenSCAD, NetFabb, and MeshMixer to get a product I was happy with. Since I can only do a little with each program, I had to keep exporting the files and opening them in other programs to accomplish what I wanted. I think I managed to integrate the separate scans together somewhat successfully though. I did have issues with using the meshes in OpenSCAD and was unable to difference out the ragged bottom pieces of the human scans. Instead, I added on a base in MeshMixer, though the base is probably a little too big and took up most of the printing time. If I reprinted this, I would try to print it on the Avidia printer, since they tend to produce a smoother looking product and the fine details of the scans would look better that way.