Personal CAD Project: Headphones

For my personal CAD project, I decided to reproduce a pair of JVC Gumy headphones. I own a pair of these headphones, so I used them as my model.

I decided to pick this project because I wanted to see the work that went into designing a product that I use every day. The most difficult part of this product was assembling the individual pieces together. On their own, the pieces were rather easy to create, but making sure they fit together and still looked like headphones was difficult.

This project doesn’t relate to my major, but listening to music is something everyone enjoys, including me. In doing this project, I realized that even objects that look simple, such as headphones, have a lot of background work that goes into not only making these objects, but designing these objects. I would not have imagined that something as plain as a pair of headphones would be so difficult to attempt to design.
Image 2: My reproductions of gummy headphones in made in solidworks.