- A complete BOM (Bill of Materials) with all the parts you would like in a separate markdown document!
  - 1x Seed XIAO
  - 9 Cherry MX Switches
  - 9 Blank DSA Keycaps
  - 3 3D printed parts in terms of assembly (you can pick which 3 colors would look cool on a rubix cube, btu if red, blue, yellow is available that would be great)
  - 4x m2-0.4 10mm screws

My idea was to make a cool macropad that would look like a rubix cube. It would streamline my workflow in SolidWorks by having quick-access keys for essential commands like extrude, cut, and dimensioning in a compact manner.

There were a lot of challenges, particularly that the PCB was shaped weirdly so I needed to figure out how my enclosure could look like a Rubix cube while accommodating for the PCB shape. I also never made a PCB before so this was an interesting challenge. Something somewhat creative I managed to do was make the rubix cube into three parts, like a jigsaw puzzle, considering the constraint that I could only print with one color; so I could print three different parts and assemble them in an efficient manner.