First, I studied the materials in the files of computer-aided design and computer-controlled cutting, including the webpages and videos. Among them, I went to <https://www.thingiverse.com/> to observe and read different projects.

On this webpage <https://www.thingiverse.com/thing:14267/files> I found the model helped me to understand and analyse the kerf, slots, nodes, interlocking designs as well as the bending part. So I downloaded its svg file to further study and modify.

在桌子上

低可信度描述已自动生成图片包含 矩形

描述已自动生成

Below is my 2nd draft of the bag.

图示, 示意图

描述已自动生成

By analysing the picture and svg files, I need to refine them according to my design. 图示, 示意图

描述已自动生成

the height of 89.1mm is what I wanted to measure.

日程表

描述已自动生成

I measure the left/right side of the width

图示

描述已自动生成

the front side width

图表

描述已自动生成

Since the bottom side is flat, I used eraser to weed the extra and residual parts.

形状, 矩形

描述已自动生成

I used some blocks to subtract the residual while maintaining a straight line.

图表

描述已自动生成

I measured the teeth parameters.

图示

中度可信度描述已自动生成

I got the key parameters then marked the next design issues.

图示

描述已自动生成

The last part: solve the teeth pattern: the bottom + back interlocking design. 图形用户界面, 应用程序

描述已自动生成