

Flex Chair

By Honglin Liu

Walnut
Birch plywood
Red cherry
piano hinge
Tension spring
Felt



Ideation Process

The project was really an explorative process. The idea begins at mimicking the organic shape by using triangular pieces, then I found that the triangulated pieces can actually be really flexible.



Connections

All triangular pieces of wood are connected at the edge using piano hinges so they can flex.

The base part of the chair is made with handcrafted joineries, which requires skills and precision



Ergonomics

The flexing feature offers a sense of truly lying down and being embraced by the chair, which is really comforting

