

3D printable shelf design

CHAT-0028 / REV EXPORT-03 / 2025.09.18

A conversation-specific public summary of 3d printable shelf design, distilled from the supplied export. The detailed excerpts remain available in the released note file.

STATUS	RECOVERED / SPECIFIC NOTE
CLASSIFICATION	SYS
MATERIAL	CHAT EXPORT / BUILD & TOOLS
DISPOSITION	PUBLIC CONVERSATION EXCERPTS / REDACTED
CATEGORY	Build & Tools
RECORD TYPE	build-thread

TECHNICAL NOTES

Conversation-specific knowledge extracted from the 3d printable shelf design discussion.

CONVERSATION / QUESTION AND CONTEXT

I want a shelf that looks like this that I can 3d print emphasis on the 3 rounded outside edges no bigger than 8 inches tall

CONVERSATION / EXTRACTED GUIDANCE

1. I can design you an STL file (or STEP if you want editable) that has:
2. Three nested rounded arches (like in your photo).
3. A back panel for mounting.
4. A flat shelf base with two small supports underneath.
5. It will be scaled to ≤ 8 in tall $\times$ proportionally wide (likely $\sim 5\text{-}6$ in wide so it looks balanced).
6. I'll also hollow it slightly to save print time and material, but keep the edges thick enough for strength.
7. Do you want the three arches to be separate "layers" (like laminations you could glue together) or a single printed piece?
8. Should I include mounting holes in the back for screws/nails, or leave it flat for command strips?

SPECIFICATION

SOURCE	Supplied ChatGPT export
CATEGORY	Build & Tools
CONVERSATION	2 user turns / 2 assistant turns
ATTACHMENTS	9 references detected
PUBLIC DETAIL	Extracted knowledge + excerpts

DEVELOPMENT HISTORY

2025.09.18 / EXPORT-04

Matched to the supplied export; key guidance is surfaced separately and the raw transcript remains unpublished.

RELEASED MATERIAL / SOURCE LINKS

CHAT-0028-public-note.txt

PUBLIC-SAFE CONVERSATION NOTE / UNIQUE FILE

<https://u225x.com/downloads/chat-records/CHAT-0028-public-note.txt>

RETURN TO THE LIVING RECORD

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This PDF preserves the public notes at this revision. Visit the record for updates and attached images.

<https://u225x.com/record/CHAT-0028>